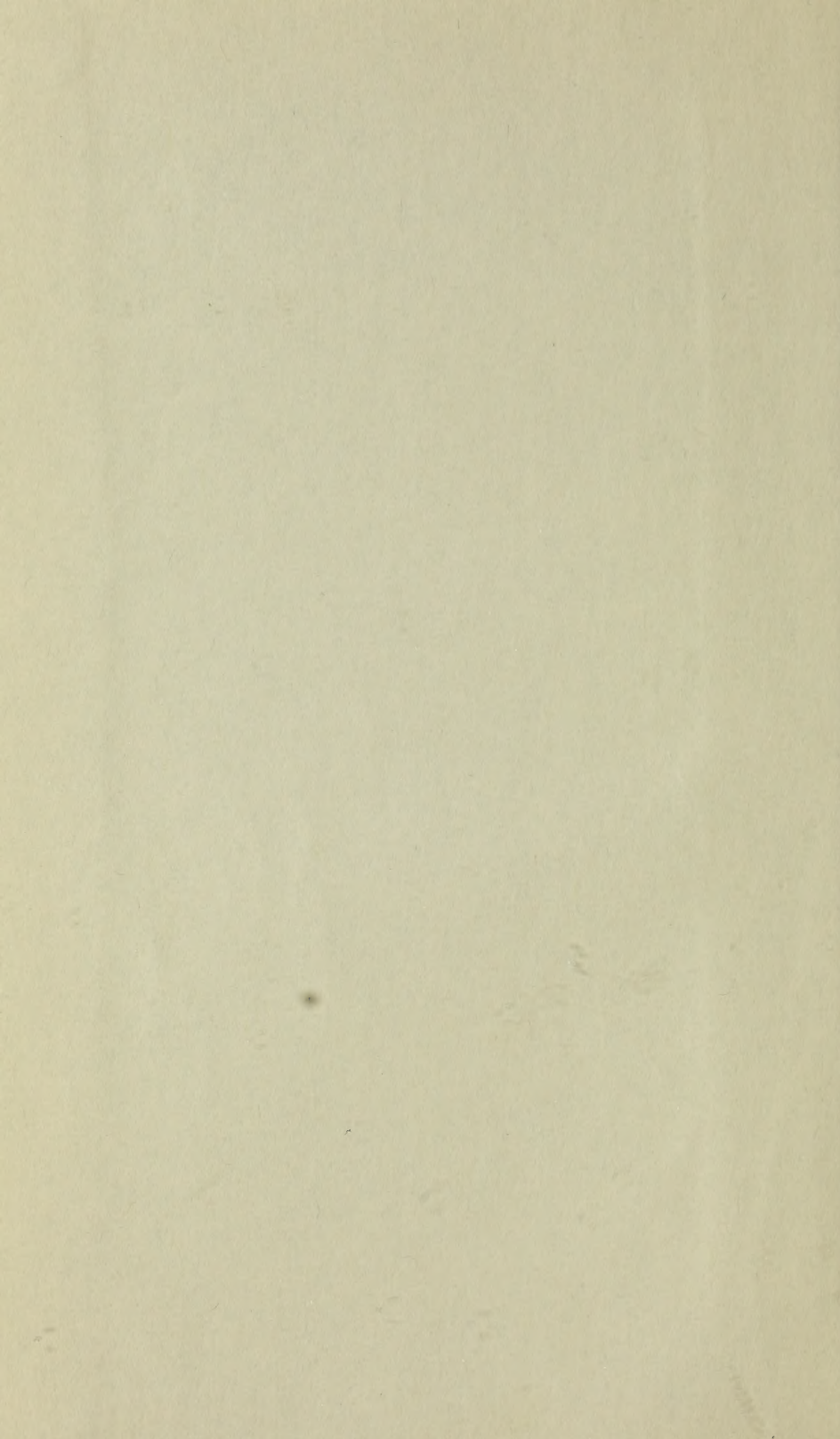



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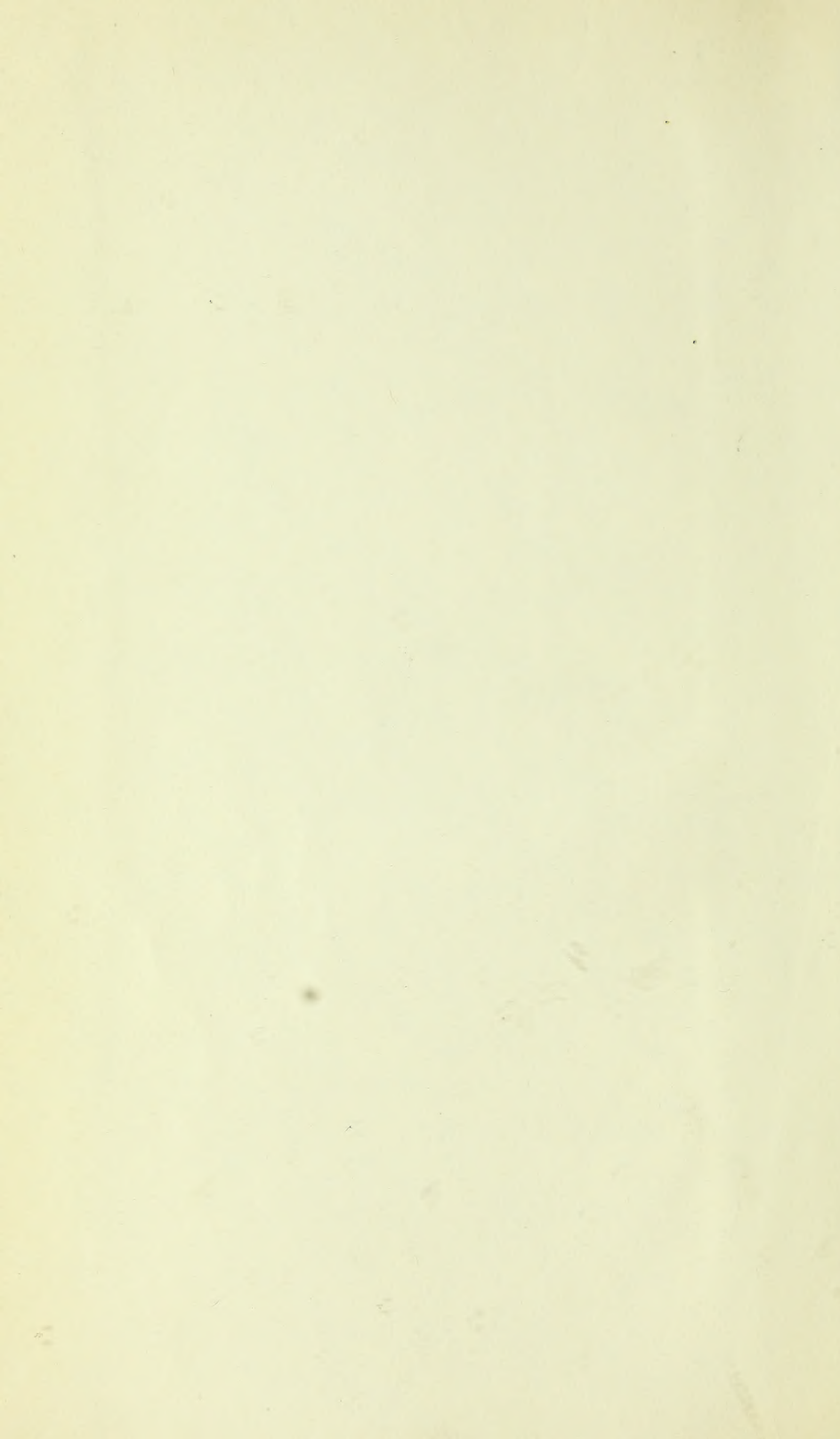
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United States Department of Agriculture

BUREAU OF ENTOMOLOGY AND PLANT QUARANTINE

SERVICE AND REGULATORY ANNOUNCEMENTS

LIST OF INTERCEPTED PLANT PESTS, 1943

(List of Pests Recorded During the Period July 1, 1942, to June 30, 1943, Inclusive, as Intercepted in, on, or with Plants and Plant Products Entering United States Territory.)

INTRODUCTION

This report covers the thirtieth year for which lists of pest interceptions have been issued. During the first year, the fiscal year 1914, a total of 1,456 interceptions were recorded. The highest number in any list is 81,592 for the fiscal year 1940. Interceptions for the thirty-year period total more than 600,000.

The records summarized in this report include pests intercepted in, on, or with plants and plant products (1) imported, (2) offered for but refused entry, (3) held as ships' stores, etc., and hence not imported through customs, (4) offered for entry for immediate export or for immediate transportation and exportation in bond, and (5) in domestic shipments between Hawaii and Puerto Rico and the mainland.

Determinations of collections made near the close of the preceding year are included with data for the current year. In addition to routine reports and determinations by the personnel of this Bureau, considerable information is supplied by State and customs officials. Staffs of specialists maintained by the States of California and Florida and the Territory of Hawaii determine most of the interceptions made there, and specialists of the Bureau of Plant Industry determine a large part of the more difficult plant-disease material.

The scientific names of insects are checked by specialists in this Bureau and those of hosts and fungi by specialists in the Bureau of Plant Industry to make sure they conform to the appropriate international rules of nomenclature.

The alleged origin of plant materials cannot be verified in all cases, especially under present conditions. Obviously doubtful items are usually omitted but if of particular interest may be listed as of unknown origin.

The factors affecting the nature, number, and source of interceptions under normal conditions are too complicated for ready and satisfactory analysis. Hence the effects of war on the interceptions cannot be stated in specific terms with any assurance of accuracy. It is interesting to note, however, that in the list of interceptions for 1940 nearly 13.6 percent of the interceptions in the main detailed table were from Europe, for 1941 only 1.9 percent, and for 1942 only 1.7 percent. For 1940 the interceptions from Japan were nearly 2.2 percent, dropping to 1.6 percent for 1941 and to 0.16 percent for 1942.

Among the factors affecting the interceptions made, in addition to the virtual elimination of receipt of plant material from Axis-held territory, are reduction in plant pest control measures and curtailment of plant pest inspection services in foreign countries; limitations on shipping space and routes; and transfer of large groups of our population to other countries. These factors and others correlated with them undoubtedly affected the interception records.

NOTES ON INSECTS INTERCEPTED

FRUITFLIES

Anastrepha fraterculus was intercepted at New York in orange in stores from Brazil. *A. fraterculus* (?) was taken at New Orleans, New York, and the Inspection House in Washington, D. C., in coffee and oranges in mail and stores from Brazil. The Mexican fruitfly (*A. ludens*) was intercepted 71 times in oranges in baggage, quarters, and stores at Brownsville, El Paso, Fort Worth, Galveston, Hidalgo, Laredo, and Presidio, and 49 times in 9 other hosts in baggage, cargo, and stores and in 6 empty refrigerator cars at El Paso, all from Mexico. The Mexican fruitfly was also taken twice in oranges in baggage at Brownsville from Guatemala. The West Indian fruitfly (*A. mombinpraeoptans*) was intercepted 6 times in mangoes in baggage, quarters, and stores from the American Virgin Islands, Haiti, Jamaica, and Puerto Rico. *A. serpentina* was taken 6 times in mamey and sapodilla in baggage and quarters from Guatemala and Mexico. The Mediter-

anean fruitfly (*Ceratitis capitata*) was intercepted twice with grapefruit and mango from Hawaii and the Union of South Africa. *C. capitata* (?) was taken at Newport News and New York in grapefruit and oranges in cargo and stores from Mozambique and the Union of South Africa.

INSECTS OTHER THAN FRUITFLIES

The citrus blackfly (*Aleurocanthus woglumi*) was intercepted on leaves of *Citrus* sp. from Cuba and orange from Mexico. Pineapples from Mexico were infested with *Alpheias conspirata* (Galleriidae). *Anaphothrips orchidaceus* and *A. orchidii* (Thripidae) were taken on orchids from England. *Aonidiella comperei* (Coccidae) arrived on pomelo from Thailand. *Brachyrhinus arcticus* (Curculionidae) was taken in sod from Iceland and Scotland. *Bruchidius incarnatus* (Bruchidae) infested lentils and fava beans from Egypt. *Bruchus dentipes* (Bruchidae) was intercepted in fava beans from Arabia and Iraq. The turnip gall weevil (*Ceutorhynchus pleurostigma*) was taken in rutabagas and turnips from England. *Clerada apicicornis* (Lygaeidae) arrived with *Lilium* sp. from Bermuda. Potatoes from New Zealand were infested with *Colobicus parilis* (Colydiidae). *Conotrachelus aguacatae* (Curculionidae) was found in avocados from Mexico. *Cyphosterna bicolor* (Cerambycidae) was intercepted in bamboo from Mexico. The rhododendron whitefly (*Dialeurodes chittendeni*) was taken on rhododendron leaves from England. *Epicaerus cognatus* (Curculionidae) infested potato from Mexico. *Epilachna varivestis* (Coccinellidae) arrived with lettuce and string beans from Mexico. *Epinotia opposita* (Olethreutidae) was taken in *Phaseolus* sp. from Mexico. *Cattleya* sp. from Venezuela was infested with *Eurytoma orchidearum* (Eurytomidae). The West Indian sweetpotato weevil (*Euscepes postfasciatus*) was intercepted in sweetpotatoes from Barbados, Brazil, Cuba, Peru, Puerto Rico, and Trinidad. *Frankliniella insularis* (Thripidae) was taken on *Rosa* sp. from Bahamas and Dominican Republic. *Gnorimoschema gudmannella* (Gelechiidae) arrived with peppers from Mexico. *Hoplandrothrips xanthopoides* (Phlaeothripidae) was found on orchid leaf from Colombia. String beans from Mexico were infested with *Laspeyresia leguminis* (Olethreutidae). *L. splendana* was taken in chestnuts from Portugal. *Lepidosaphes alba* (Coccidae) was intercepted on *Manihot* sp. from Peru. *Lixus mucronatus* (Curculionidae) arrived with celery from Portugal. *Macrosiphum rubellum* (Aphidae) was taken on buds of *Rubus* sp. from England. *Marava wallacei* (Labiidae) was found with wheat from Australia. The East Indian bean pod borer (*Maruca testulalis*) infested string beans from Cuba and Mexico. *Micrelus ericae* (Curculionidae) arrived with heather from Scotland. Corn from Mexico was infested with *Moodna bisinuella* (Phycitidae). *Mordellistena cattleyana* (Mordellidae) was intercepted in orchid leaf from Mexico. *Nasutitermes cornigera* (Termitidae) arrived under bark of log from Mexico, with *Caesalpinia* sp. (log) from Nicaragua, and with orchid plant from unknown locality. *Odonaspis saccharicaulis* (Coccidae) was found on sugarcane from Mozambique. The yam weevil (*Palaeopus costicollis*) was taken in sweetpotatoes from Jamaica and Trinidad and yam from Cuba. The pink bollworm (*Pectinophora gossypiella*) was intercepted in cotton bolls from Mexico and Trinidad, cottonseed from Egypt, Mexico, Puerto Rico, and the Virgin Islands, and seed cotton from Cuba and Mexico. Carrots from England were infested with *Phyllotreta vittula* (Chrysomelidae). The carrot rust fly (*Psila rosae*) arrived with carrots from Algeria, England, and Morocco, parsnips from England and New Zealand, and turnip from England. The coffee berry borer (*Stephanoderes hampei*) infested coffee beans from Tanganyika. The mango weevil (*Sternonchetus mangiferae*) was taken in mango seed from Hawaii. *Targionia sacchari* (Coccidae) was intercepted on ginger rhizome from India. *Tetramorium simillimum* (Formicidae) arrived with *Dioscorea* sp. (yam) from St. Lucia. *Thrips angusticeps* (Thripidae) was intercepted on cabbage from Morocco.

NOTES ON PLANT DISEASES INTERCEPTED

It may be noted that citrus canker (*Bacterium citri*) interceptions dropped to one for the year, and lima bean scab (*Elsinoe phaseoli*) from Cuba is missing from the list. In spite of the scarcity of banana shipments and the limited inspection they receive, the destructive banana leaf spot (*Cercospora musae*) was intercepted 25 times. The bulb and stem eelworm (*Ditylenchus dipsaci*) was intercepted half a dozen times. Sweet orange scab (*Elsinoe australis*), Australian citrus scab (*E. fawcettii* scabiosa), and citrus black spot (*Phoma citricarpa*) were intercepted during the year.

Quite a number of the entries are for organisms new to the interception files, and numerous others were intercepted from additional countries of origin or on additional hosts.

COMMON PESTS INTERCEPTED

Most of the pests found during the inspection of plant material are readily recognized as species already well established in this country. Representative samples of such forms are taken rather frequently and checked to make sure that similar forms not yet established are not being overlooked. Records are made of a part of the findings of some of these common pests and are summarized in this report to give a more accurate picture of the work. The numbers following the names of the pests indicate the number of countries of origin included and the number of interceptions recorded.

INSECTS

Common insects intercepted 10 or more times, and recorded, included *Acanthoscelides obtectus* (10-55), *Ahasverus advena* (11-23), *Anthonomus eugenii* (1-5,002), *Aphis gossypii* (6-13), *Araecerus fasciculatus* (10-24), *Aspidiotus cyanophylli* (6-68), *A. hederæ* (2-79), *A. lataniae* (13-336), *Carpocapsa pomonella* (5-104), *Cerataphis lataniae* (13-47), *Chrysomphalus aonidum* (9-38), *C. dictyospermi* (11-306), *Coccus hesperidum* (11-46), *Diaspis boisduvalii* (16-171), *D. bromeliae* (2-13), *Ephesia cautella* (8-12), *Etiella zinckenella* (1-16), *Gnorimoschema operculella* (12-226), *Heliothis armigera* (5-9,591), *H. virescens* (2-160), *Hippodamia convergens* (1-27), *Howardia biclavis* (9-12), *Keiferia lycopersicella* (1-7,673), *Laphygma exigua* (1-137), *L. frugiperda* (1-477), *Lasioderma serricornis* (6-37), *Lepidosaphes beekii* (22-104), *L. ulmi* (2-14), *Murgantia histrionica* (1-92), *Myzus persicae* (7-11), *Oryzaephilus surinamensis* (7-18), *Parlatoria pergandii* (9-17), *Pinnaspis minor* (5-22), *Plodia interpunctella* (3-25), *Pseudococcus adonidum* (4-27), *P. brevipes* (7-23), *P. citri* (5-24), *Rhizoglyphus echinopus* (7-44), *Saissetia hemisphaerica* (10-90), *S. oleae* (11-19), *Selenaspidus articulatus* (16-40), *Sitophilus oryzae* (8-14), *Stegobium paniceum* (6-12), *Thrips tabaci* (6-11), *Tribolium castaneum* (10-18), *Typhaea stercorea* (10-35).

In addition to the listed species of common insects, there were 4,170 interceptions belonging to 474 different species which were not deemed to be of sufficient importance from the plant-quarantine viewpoint to warrant listing them by species. Total of common insects intercepted, 29,523.

DISEASES

Common plant diseases intercepted 10 or more times, and recorded, included *Actinomyces scabies* (17-491), *Alternaria brassicae* (7-13), *A. solani* (2-12), *A. tomato* (1-1,696), *Aspergillus niger* (15-469), *Bacillus carotovorus* (5-10), *Bacterium phaseoli* (1-38), *B. vesicatorium* (3-1,478), *Botrytis cinerea* (9-15), *Cephalothecium roseum* (4-39), *Cercospora beticola* (2-16), *C. rosicola* (2-11), *Cladosporium fulvum* (2-42), *Colletotrichum circinans* (3-733), *C. gloeosporioides* (14-728), *C. lindemuthianum* (4-78), *C. orchidearum* (8-18), *Diplodia natalensis* (8-43), *Elsinoe fawcettii* (13-38), *Erysiphe graminis* (3-14), *E. polygoni* (1-156), *Gloeosporium limeticolum* (12-42), *G. musarum* (2-22), *Helminthosporium allii* (7-1,915), *Heterodera marioni* (8-29), *Mycosphaerella brassicicola* (6-24), *Oospora citri-aurantii* (7-60), *O. lactis parasitica* (6-43), *O. pustulans* (3-10), *Penicillium digitatum* (9-53), *P. italicum* (7-17), *Phoma destructiva* (4-69), *Phomopsis citri* (12-27), *P. vexans* (6-12), *Puccinia allii* (3-12), *P. graminis* (12-44), *P. purpurea* (1-19), *Rhizoctonia solani* (19-755), *Rhizopus nigricans* (17-802), *Sclerotinia sclerotiorum* (11-28), *Sclerotium oryzae* (7-17), *Sphaceloma fawcettii* (18-23), *Spondylocadium atrovirens* (11-25), *Ustilago zeae* (1-24), *Venturia inaequalis* (10-41), *Verticillium cinnabarinum* (12-46).

In addition to the listed species there were recorded 532 interceptions of 72 other species of common pathogens, making a total of 16,691 recorded interceptions of common diseases.

INCOMPLETELY DETERMINED PESTS

Many of the pests found by inspectors cannot be determined because they are new to science, or the material is inadequate or is not in condition or in the right stage to make an accurate determination possible.

INSECTS

Among the incompletely determined insects intercepted during the year were the following fruitflies: *Anastrepha* sp., probably *fraterculus*, taken at Baltimore, Brownsville, El Paso, Laredo, and New York in grapefruit, mango, orange, peach, and pear from Argentina, Canal Zone, Mexico, and Trinidad; *Anastrepha* sp., probably *ludens*, at Laredo in railway car from Mexico; *Anastrepha* sp., probably *mombinpraepians*, at Laredo in mango from Mexico; *Anastrepha* sp., perhaps *striata*, at Laredo in guava from Mexico; *Anastrepha* sp. at Brownsville, El Paso, Laredo, Miami, New York, San Diego, and Tampa in grapefruit, guava, mango, orange, and roseapple from Argentina, Colombia, Costa Rica, Guatemala, Jamaica, Mexico, and Trinidad; *Ceratitis* sp., probably *capitata*, at Newport News

in orange from the Union of South Africa; *Ceratilis* sp. at Miami in orange from Africa (army transport); *Dacus* sp. at Newport News in vegetable marrow from the Union of South Africa; *Epochra* sp., probably *canadensis*, at El Paso in currant from Mexico; *Rhagoletis* sp., probably *cingulata*, at St. Albans in wild cherry from Canada; *Rhagoletis* sp. at Brownsville, El Paso, Laredo, and St. Albans in husk tomato, red haw, walnut, and wild cherry from Canada and Mexico. Fourteen interceptions which could not be identified beyond family (Tephritidae) were taken at El Paso, Hoboken, Laredo, Newport News, New York, and Norfolk in *Celtis tala*, *Celtis* sp., husk tomato, orange, and walnut from Mexico, the Union of South Africa, and Uruguay.

In addition to the incompletely determined fruitflies the following miscellaneous insects of special interest were intercepted: *Acanthoscelides* sp., probably *submuticus* Sharp (Bruchidae), at El Paso in radish from Mexico; *Acrolophus* sp., near *fervidus* Busck (Acrolophidae), at San Juan with the roots of *Catleya gaskelliana* from Venezuela; *Agriotes* sp., probably *obscurus* L. (Elateridae), at Boston in sod with sand ballast from Scotland; *Anaballus* sp., apparently *amplicolis* Fairm. (Curculionidae), at Hoboken in seeds of *Adenanthera* sp. in soldier's mail; *Anaballus* sp., probably *amplicolis* Fairm., at New York in sandalwood seed in soldier's mail; *Anacentrinus* sp., probably *deplanatus* Csy. (Curculionidae), at Brownsville and Laredo in sugarcane from Mexico; *Baris* sp., possibly *laticollis* Marsh. (Curculionidae), at Baltimore in turnip from Portugal; *Brachyrhinus* sp., probably *rugosostriatus* (Goeze) (Curculionidae), at Blaine in soil around miscellaneous plants from British Columbia; *Bruchus* sp., near *luteicornis* Ill. (Bruchidae), at Philadelphia in vetch from Portugal; *Bruchus* sp., near *rufipes* Hbst., at Baltimore in vetch seed from Portugal; *Calendra* sp., very near *phoeniciensis* Chttm. (Curculionidae), at Nogales on spinach from Mexico; *Calligrapha* sp., near *diversa* (Stal) (Chrysomelidae), at El Paso with mustard from Mexico; *Centrinaspis* sp., near *picumnus* Hbst. (Curculionidae), at Laredo on chrysanthemum from Mexico; *Centrinaspis* sp., near *tonsilis* Boh., at Laredo in corn from Mexico; *Coccotrypes* sp., possibly *rolliniae* Hopk. (Scolytidae), at Hoboken in *Euterpe* sp. seed in soldier's mail; *Curculio* sp., probably *elephas* Gyll. (Curculionidae), at Baltimore in chestnut from Portugal; *Diabrotica* sp., near *longicornis* (Say) (Chrysomelidae), at Brownsville with cut flowers from Mexico; *Dialeurodes* sp., possibly *glomerata* Singh (Aleyrodidae), at Boston on fig leaf from Queensland; *Eudalus* sp., probably *setosus* Lec. (Curculionidae), at Brownsville with peanuts from Mexico; *Heterobostrychus* sp., probably *brunneus* (Mur.) (Bostrichidae), on African mahogany from Gold Coast; *Hypnoidus* sp., near *quadrilagiatus* Champ. (Elateridae), at Laredo on orchid from Mexico; *Leperisinus* sp., probably *oleiperda* (F.) (Scolytidae), at New York on oak from England; *Micrapate* sp., near *sericeicollis* Lesne (Bostrichidae), at Nogales in bamboo from Mexico; *Neodryocoetes* sp., near *hoodi* Blkm. (Scolytidae), at San Francisco in courbaril seed from Venezuela; *Psylliodes* sp., probably *chrysocephala* L. (Chrysomelidae), at El Paso, New York, and Philadelphia in turnips from England and Mexico; *Rhynchites* sp., near *auratus* Scop. (Curculionidae), at Washington, D. C., in *Prunus* sp. seed from Iran; *Stephanoderes* sp., near *fiebrigi* Hopk. (Scolytidae), at Hoboken in *Triplaris* sp. seed from Peru; *Tetralicia* sp., possibly *rotunda* J. Baker (Aleyrodidae), at Nogales on Grecian laurel from Mexico.

In addition to the incompletely determined insects listed above there were 4,296 interceptions which could be identified to genus only. These were distributed among 627 different genera. A total of 93 could be determined to family and subfamily only.

Total of incompletely determined insects intercepted, 4,501.

DISEASES

Incompletely determined plant diseases intercepted during the year included *Ceratostomella* sp., *Cercospora* sp., and *Helminthosporium* sp. on husk tomatoes from Mexico; *Diplodia* sp. on eggplant from Puerto Rico; *Helminthosporium* sp. on tomatoes from Mexico; *Microdiplodia* sp. on a rose bush from Egypt; *Nectria* sp. on a banana leaf from Panama; *Ophiobolus* sp. on an orchid from Colombia; *Pestalotzia* sp. and *Phoma* sp. on guavas from Mexico; *Phoma* sp. on an oxalis tuber from Bolivia and on chayote from Mexico; *Phyllosticta* sp. on a number of hosts from Mexico, including onions, orchids, cereals, flowering herbs, and shrubs, walnut, alfalfa, guava, chayote, and spinach; *Puccinia* sp. on various plants, including barley, from French Africa, oats from Australia and India, rye from England and Portugal, and wheat from Australia, French Africa, Morocco, and Portugal; *Sclerotium* sp. on wheat leaves from Australia and wheat stems from New Hebrides; and *Uredo* sp. on *Salvia wagneriana* from Guatemala.

Incompletely determined pathogens recorded during the year totaled 6,251.

ENTOMOGENOUS FUNGI

Reports of entomogenous fungi noted during the course of inspection included *Aegerita webberi* Fawc. on *Dialeurodes citri* on tangerines from Panama; *Aschersonia cubensis* Berk. & Curt. on an undetermined scale insect on Cape-jasmine from Costa Rica and on *Vinsonia stellifera* (?) on Cape-jasmine from Puerto Rico; *Aschersonia* sp. on an undetermined host on *Manilkara bidentata* leaves from Peru; *Cephalosporium lecanii* Zimm. on *Coccus acuminatus* on Cape-jasmine from Costa Rica, on *C. viridis* on Cape-jasmine from Puerto Rico and from Venezuela, and on *Pulvinaria pyriformis* on Cape-jasmine from Colombia; *Myriangium duriaei* Mont. on *Lepidosaphes beckii* on oranges from Brazil and from Jamaica and on sour orange from Puerto Rico; *Nectria diploa* Berk. & Curt., 23 reports, hosts including *Chrysomphalus aonidum* on orange from Jamaica, *Fiorinia theae* on camellia from Costa Rica, *Lepidosaphes beckii* on "citrus" and on grapefruit from Cuba, on orange from Haiti, Honduras, Jamaica, and Panama, on sour orange from Puerto Rico, and on tangerine from Panama, on *Leucaspis cockerelli* on orange from Colombia, and on *Selenaspidus articulatus* on "citrus" from Puerto Rico, on lemon from Haiti and on orange from Brazil; *Podonectria coccicola* (Ell. & Ev.) Petch on *Lepidosaphes beckii* on orange from Brazil; and *Sphaerostilbe* sp. on undetermined hosts on *Pedilanthus macrocarpus* from Mexico and on *Picramnia quaternaria* from Costa Rica.

Geographic summary of interceptions listed in main table and interception totals

Country	Insects	Diseases	Country	Insects	Diseases
	Number	Number		Number	Number
Africa:			North America—Continued.		
Algeria.....	3	0	Central America—Con.		
Belgian Congo.....	1	0	Panama.....	10	1
Egypt.....	6	0	Salvador.....	1	2
French West Africa.....	1	0	Iceland.....	3	0
Gold Coast.....	10	0	Mexico.....	2, 143	477
Morocco.....	2	1	West Indies		
Mozambique.....	2	1	American Virgin		
Tanganyika.....	1	0	Islands.....	1	1
Union of South Africa.....	7	5	Bahamas.....	1	0
Asia:			Barbados.....	1	0
Arabia.....	3	0	Cuba.....	62	5
Burma.....	0	1	Dominican Republic.....	8	1
China.....	2	2	Dutch West Indies.....	1	0
Cyprus.....	2	0	Haiti.....	3	0
India.....	8	1	Jamaica.....	18	2
Iraq.....	1	0	Puerto Rico.....	14	3
Japan.....	2	10	St. Lucia.....	1	0
Palestine.....	1	0	St. Vincent.....	2	0
Thailand.....	1	1	Trinidad.....	26	5
Australasia:			Virgin Islands.....	1	0
Australia.....	3	27	South America:		
Hawaii.....	18	0	Argentina.....	1	4
New Caledonia.....	3	0	Brazil.....	27	8
New Hebrides.....	0	1	British Guiana.....	2	0
New Zealand.....	3	3	Colombia.....	8	5
Philippines.....	1	0	Ecuador.....	2	0
Queensland.....	1	0	Peru.....	10	0
Samoa.....	0	1	Uruguay.....	3	2
Europe:			Venezuela.....	25	4
Azores.....	0	1	Total:		
England.....	73	15	Africa.....	33	7
Ireland.....	1	4	Asia.....	20	15
Italy.....	1	1	Australasia.....	29	32
Portugal.....	14	14	Europe.....	97	37
Scotland.....	7	0	North America.....	2, 442	522
Spain.....	1	1	South America.....	78	23
Wales.....	0	1	Unknown.....	11	0
North America:			Total.....	2, 710	636
Bermuda.....	4	1	Total (common pests,		
Canada.....	28	10	p. 3).....	29, 523	16, 691
Central America			Total (incompletely de-		
British Honduras.....	2	0	termined pests p. 4).....	4, 501	6, 251
Canal Zone.....	25	0	Entomogenous fungi.....		39
Costa Rica.....	35	1	Total insects.....	36, 734	
Guatemala.....	13	4	Total diseases.....		23, 617
Honduras.....	28	2	Grand total.....		60, 351
Nicaragua.....	4	7			

NOTE.—In addition to the countries named above, interceptions including common pests (p. 3) and incompletely determined pests (p. 4) were made from Africa, American Samoa, Antipodes, Aruba, Bolivia, British East Africa, Canton Island, Ceylon, Chile, Curacao, Dutch Guiana, Fiji Islands, France, Madeira Islands, New Guinea, Nigeria, North Africa, Oceania, Paraguay, Sierra Leone, Tahiti, Taiwan, Tonga Islands, West Indies, and Yugoslavia.

List of pests collected and reported from July 1, 1942, to June 30, 1943, inclusive

[All findings with an asterisk indicate State inspection]

Insect and host	Country of origin	Number of inter-ceptions in—			Collected in—
		Con-sump-tion	Non-entry	Prop-aga-tion	
<i>Acanthoscelides alticola</i> (Sharp) (Bruchidae):					
<i>Cassia occidentalis</i> (coffee senna).....	Canal Zone.....			1	N. J.
<i>Acanthoscelides ceratioborus</i> (Philippi) (Bruchidae):					
<i>Caesalpinia</i> sp.....	Peru.....	1			N. Y.
<i>Prosopis chilensis</i> (algarrobo).....	do.....	1		1	N. J., N. Y.
<i>Acanthoscelides dominicanus</i> (Jek.) (Bruchidae):					
<i>Caesalpinia coriaria</i> (divi-divi).....	Colombia, Dominican Republic, Mexico, Salvador.....	9		2	Fla.*, La., N. J., N. Y., Tex.
<i>Caesalpinia</i> sp.....	Mexico.....	1			N. Y.
<i>Acanthoscelides flexicaulis</i> (Schffr.) (Bruchidae):					
<i>Pithecellobium flexicule</i> (ebony apes-earring).....	do.....	1			Tex.
<i>Acanthoscelides griseolus</i> (Fall) (Bruchidae):					
<i>Sesbania</i> sp.....	do.....	1			Calif.
<i>Acanthoscelides sallaei</i> (Sharp) (Bruchidae):					
<i>Rosa</i> sp.....	do.....	1			Tex.
<i>Acanthoscelides spinipes</i> (Er.) (Bruchidae):					
<i>Acacia farnesiana</i> (sweet acacia).....	Uruguay.....			3	D. C., N. J., N. Y.
<i>Acinaces lebasii</i> Gerst. (Endomychidae):					
<i>Oryza sativa</i> (rice).....	Brazil.....	1			N. Y.
<i>Actenodes mendezi</i> Horn (Buprestidae):					
<i>Ananas comosus</i> (pineapple).....	Mexico.....	1			Tex.
<i>Adelphocoris rapidus</i> (Say) (Miridae):					
<i>Chrysanthemum</i> sp.....	do.....	1			Tex.
<i>Adistemia watsonia</i> (Woll.) (Lathridiidae):					
<i>Guilfoylia monostylis</i>	Australia.....	1			N. Y.
<i>Adraneothrips tibialis</i> Hood (Phlaeothripidae):					
<i>Musa paradisiaca sapientum</i> (banana).....	Cuba.....	1			Fla.*
<i>Aeolus pulchellus</i> Cand. (Elateridae):					
Orchid.....	Mexico.....			1	Tex.
<i>Aganactesis indecora</i> Dyar (Galleriidae):					
<i>Cassia grandis</i> (pinkshower).....	Trinidad.....	2			N. J.
<i>Agromyza virens</i> Loew (Agromyzidae):					
<i>Daucus carota sativa</i> (carrot).....	Mexico.....	2			Tex.
<i>Phaseolus</i> sp. (string bean).....	do.....	14			Ariz., Tex
<i>Aleurocanthus woglumi</i> Ashby (Aleyrodidae):					
<i>Citrus sinensis</i> (orange).....	do.....	2			Ariz.
<i>Citrus</i> sp.....	Cuba.....	1			Fla.*
<i>Aleuroplatus myricae</i> (Q.) (Aleyrodidae):					
<i>Epigaea repens</i> (trailing arbutus).....	Canada.....	2			Mass.
<i>Aleurothrixus howardi</i> (Q.) (Aleyrodidae):					
<i>Citrus</i> sp.....	Puerto Rico.....	1			Fla.*
<i>Alpheias conspirata</i> Hein. (Galleriidae):					
<i>Ananas comosus</i> (pineapple).....	Mexico.....	26			Ariz., Tex.
<i>Amphicercus cornutus</i> (Pallas) (Bostrichidae):					
<i>Agave rigida sisalana</i> (sisal hemp).....	do.....	1			Tex.
<i>Agave</i> sp.....	do.....	1			Tex.
Bamboo.....	do.....	2			Ariz.
Herb.....	do.....	2			Tex.
Manganese.....	do.....		1		Tex.
<i>Sapindus</i> sp. (soapberry).....	do.....	2			Tex.
<i>Solanum melongena</i> (eggplant).....	do.....	1			Ariz.
Wood bracing in railroad car.....	do.....		1		Ariz.
<i>Anacentrinus deplanatus</i> Csy. (Curculionidae):					
<i>Lactuca sativa</i> (lettuce).....	do.....	1			Tex.
<i>Anaphothrips orchidaceus</i> Bagn. (Thripidae):					
<i>Miltonia</i> sp. (orchid).....	England.....			1	Hawaii.*
<i>Anaphothrips orchidii</i> (Mlt.) (Thripidae):					
<i>Cattleya</i> sp. (orchid).....	do.....			1	N. J.
<i>Anastrepha fraterculus</i> (Wied.) (Tephritidae):					
<i>Citrus sinensis</i> (orange).....	Brazil.....		1		N. Y.

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<i>Anastrepha fraterculus</i> (Wied.) (?) (Tephritidae):					
<i>Citrus sinensis</i>	Brazil.....		2		La., N. Y.
<i>Coffea arabica</i> (Arabian coffee).....	do.....			1	D. C.
<i>Anastrepha ludens</i> (Loew) (Tephritidae):					
<i>Citrus aurantifolia</i> (sweet lime).....	Mexico.....	5			Tex.
<i>Citrus aurantium</i> (sour orange).....	do.....	2			Tex.
<i>Citrus paradisi</i> (grapefruit).....	do.....	71			Tex.
<i>Citrus sinensis</i> (orange).....	Guatemala, Mexico.....	2	2		Tex.
<i>Cydonia oblonga</i> (quince).....	Mexico.....	2			Tex.
<i>Mammea americana</i> (mamey).....	do.....	1			Tex.
<i>Mangifera indica</i> (mango).....	Cuba, Mexico (1 in rail- way car).....	25	1		Ariz., La., Tex.
<i>Persea americana</i> (avocado).....	Mexico.....	5			Tex.
<i>Punica granatum</i> (pomegranate).....	do.....	3			Tex.
Empty refrigerator car.....	do.....		6		Tex.
Sapote.....	do.....	1	1		Tex.
<i>Anastrepha mombinpraeoptans</i> Sein (Tephritidae):					
<i>Mangifera indica</i> (mango).....	American Virgin Islands, Haiti, Jamaica, Puerto Rico.....	1	5		Fla., P. R.
<i>Anastrepha serpentina</i> (Wied.) (Tephritidae):					
<i>Achras zapota</i> (sapodilla).....	Guatemala.....		1		Fla.*
<i>Mammea americana</i> (mamey).....	Mexico.....	5			Ariz., Tex.
<i>Anuraphis helichrysi</i> (Kalt.) (Aphidae):					
<i>Myrtillocactus grandiaerolatus</i> (cactus).....	do.....			1	Tex.
<i>Aonidia lauri</i> (Bouche) (Coccidae):					
<i>Laurus nobilis</i> (Grecian laurel).....	Cyprus.....	2			N. Y.
<i>Aonidiella comperei</i> McKenzie (Coccidae):					
<i>Citrus grandis</i> (pomelo).....	Thailand.....	1			N. Y.
<i>Aonidiella inornata</i> McKenzie (Coccidae):					
<i>Jasminum sambac</i> (Arabian jasmine).....	Hawaii.....			1	Calif.*
<i>Aphodius granarius</i> (L.) (Scarabaeidae):					
<i>Lycopersicon esculentum</i> (tomato).....	Mexico.....	2			Ariz., Tex.
<i>Arvelius albopunctatus</i> (Deg.) (Pentatomidae):					
<i>Capsicum frutescens</i> (pepper).....	do.....	4			Ariz.
<i>Aspidiotus corilleae</i> Ferris (Coccidae):					
<i>Echinocereus</i> sp.....	do.....			1	Ariz.
<i>Plumeria</i> sp.....	do.....			1	D. C.
<i>Aspidiotus degeneratus</i> (Leon) (?) (Coccidae):					
<i>Odontoglossum rossi</i> (orchid).....	do.....			1	N. J.
<i>Aspidiotus destructor</i> Sign. (Coccidae):					
<i>Carica papaya</i> (papaya).....	Cuba.....	3			Fla.*
<i>Musa paradisiaca sapientum</i> (banana).....	British Honduras, Costa Rica, Cuba, Guatema- la, Honduras, Panama. Honduras.....	42			Calif., Fla.*
Palm.....	Cuba.....	1			Fla.*
<i>Sechium edule</i> (chayote).....	do.....	1			Fla.*
<i>Aspidiotus excisus</i> Green (Coccidae):					
<i>Cocos nucifera</i> (coconut).....	Trinidad.....	1			N. J.
<i>Aspidiotus forbesi</i> Johns. (Coccidae):					
<i>Malus pumila</i> (apple).....	Mexico.....	2			Ariz.
<i>Aspidiotus herculeanus</i> Doane & Haddon (Coccidae):					
<i>Hymenaea courbaril</i> (courbaril).....	Trinidad.....	1			N. Y.
<i>Aspidiotus palmarum</i> (Ckll.) (Coccidae):					
<i>Gardenia jasminoides</i> (Cape-jasmine).....	Venezuela.....		1		Fla.*
<i>Musa paradisiaca sapientum</i> (banana).....	Costa Rica, Honduras, Panama.....	13			Calif., Fla.*
<i>Aspidiotus spinosus</i> Comst. (Coccidae):					
Sapote.....	Cuba.....		1		Fla.*
<i>Asterolecanium bambusae</i> (Bdv.) (Coccidae):					
Bamboo.....	Mexico.....	1			Ariz.
<i>Asterolecanium epidendri</i> (Bouche) (Coccidae):					
<i>Brassia</i> sp. (orchid).....	Costa Rica.....			1	N. J.
<i>Cattleya dowiana</i> (orchid).....	Canal Zone, Costa Rica.....			2	Calif., N. J.
<i>Epidendrum</i> sp. (orchid).....	Unknown (soldier's mail).....			1	N. J.
<i>Asterolecanium palmarum</i> Ckll. (Coccidae):					
<i>Cocos nucifera</i> (coconut).....	Jamaica.....	1			Fla.*

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<i>Asterolecanium pustulans</i> (Ckll.) (Coc- cidae):					
<i>Coleus</i> sp.	Cuba		1		Fla.*
<i>Hibiscus</i> sp.	Hawaii			1	Calif.*
<i>Pimenta officinalis</i> (allspice pimenta)	Cuba	1			P. R.
<i>Ataria hubbardi</i> Fisher (Cerambycidae):					
<i>Lactuca sativa</i> (lettuce)	Mexico		2		Tex.
<i>Athous subfuscus</i> Mul. (Elateridae):					
Soil around roots of walnut log	England	1			N. Y.
<i>Aufesius impressicollis</i> Stal (Coreidae):					
<i>Lycopersicon esculentum</i> (tomato)	Mexico	1			Ariz.
<i>Aulacaspis mangiferae</i> (Newst.) (Coc- cidae):					
<i>Mangifera indica</i> (mango)	Trinidad	1			Fla.*
<i>Autographa brassicae</i> (Riley) (Phalaeni- dae):					
<i>Brassica oleracea botrytis</i> (cauliflower)	Mexico	1			Tex.
<i>Baris aerea</i> (Boh.) (Curculionidae):					
<i>Chrysanthemum</i> sp.	do	1			Tex.
<i>Barypeithes pellucidus</i> Boh. (Curculion- idae):					
<i>Rhododendron</i> sp.	England			1	Wash.
<i>Bitoma brevipes</i> (Sharp) (Colydiidae):					
<i>Swietenia mahagoni</i> (mahogany)	Mexico	1			Tex.
<i>Bitoma socialis</i> Pasc. (Colydiidae):					
Bark of log	do	1			Tex.
<i>Blissus pulchellus</i> Mont. (Lygaeidae):					
<i>Ananas comosus</i> (pineapple)	do	1			Tex.
<i>Bothrioderes setiger</i> Sharp (Colydiidae):					
<i>Swietenia mahagoni</i> (mahogany)	do	1			Tex.
<i>Brachyrhinus arcticus</i> (O Fabr.) (Curcu- lionidae):					
Sod and moss with top soil	Iceland	1			N. Y.
Sod grass roots	Scotland	1			N. Y.
<i>Brentus mexicanus</i> Boh. (Brentidae):					
Under bark of log	Mexico	2			Tex.
<i>Brochymena sulcata</i> Van D. (Pentatomi- dae):					
<i>Brassica</i> sp. (mustard)	do	1			Tex.
<i>Bruchidius incarnatus</i> Boh. (Bruchidae):					
<i>Lens culinaris</i> (lentil)	Egypt		1		N. Y.
<i>Vicia faba</i> (fava bean)	do		1		N. Y.
<i>Bruchidius villosus</i> (F.) (Bruchidae):					
<i>Cytisus scoparius</i> (Scotch broom)	England			1	N. J.
<i>Bruchus dentipes</i> (Baudi) (Bruchidae):					
<i>Vicia faba</i> (fava bean)	Arabia, Iraq			2	N. J., N. Y.
<i>Bruchus pisi</i> L. (Bruchidae):					
<i>Pisum sativum</i> (pea)	Japan			1	Hawaii.*
<i>Bruchus tristiculus</i> Fabr. (Bruchidae):					
Bean	Portugal	1			N. Y.
<i>Lathyrus</i> sp. (?)	do	1			Pa.
<i>Bruchus ulicis</i> Muls. & Ray (Bruchidae):					
<i>Vicia ervilia</i> (bitter vetch) (?)	Italy	1			N. Y.
<i>Callidium tezanum</i> Schaeff. (Cerambyci- dae):					
<i>Lycopersicon esculentum</i> (tomato)	Mexico	1			Ariz.
<i>Calligrapha pantherina</i> (Stal) (Chrysomeli- dae):					
<i>Odontoglossum grande</i> (orchid)	Guatemala			1	Calif.*
<i>Callosobruchus analis</i> (F.) (Bruchidae):					
<i>Vigna sinensis</i> (cowpea)	Arabia			1	D. C.
<i>Callosobruchus chinensis</i> (L.) (Bruchidae):					
<i>Cajanus cajan</i> (pigeon pea)	Puerto Rico	1			Tex.
<i>Cicer arietinum</i> (chickpea)	India		2		N. Y.
<i>Pisum sativum</i> (pea)	Union of South Africa		1		N. Y.

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<i>Callosobruchus maculatus</i> (F.) (Bruchidae)					
Bean	Mexico	1			Tex.
<i>Cajanus cajan</i> (pigeon pea)	Jamaica	5			N. J., N. Y.
<i>Cicer arietinum</i> (chickpea)	Egypt, Mexico	18	3		Ariz., N. Y., Tex.
<i>Lens culinaris</i> (lentil)	French West Africa		1		Pa.
<i>Lycopersicon esculentum</i> (tomato)	Mexico	1			Ariz.
<i>Phaseolus aureus</i> (mung bean)	Philippines	1			Hawaii.*
<i>Phaseolus</i> sp.	Jamaica	1			Hawaii.*
<i>Pisum sativum</i> (pea)	do.	1			Hawaii.*
<i>Campyprosopella media</i> Shewell (Sapro- myzidae):					
<i>Capsicum frutescens</i> (pepper)	Mexico	1			Ariz.
<i>Carneiocephala nuda</i> Nottingham (Cicadel- lidae):					
<i>Lactuca sativa</i> (lettuce)	do.	1			Tex.
<i>Carneiocephala sagittifera</i> (Uhl.) (Cicadel- lidae):					
<i>Lactuca sativa</i> (lettuce)	do.	2			Tex.
<i>Cartodere ruficollis</i> (Marsh.) (Lathridi- idae):					
<i>Agaricus campestris</i> (mushroom)	Japan	1			Hawaii.*
<i>Caryedon fuscus</i> (Goeze) (Bruchidae):					
<i>Samanea saman</i> (raintree saman)	Hawaii	1			Calif.*
<i>Caryobruchus gleditsiae</i> (L.) (Bruchidae):					
<i>Pithecellobium flexicaule</i> (ebony apes- earring).	Mexico		1		Tex.
<i>Catolethrus longulus</i> Boh. (Curculionidae):					
<i>Ananas comosus</i> (pineapple)	do.	1			Tex.
<i>Catorama tabaci</i> (Guer.) (Anobiidae):					
<i>Boehmeria nivea</i> (ramie)	do.	1			Tex.
<i>Zea mays</i> (corn)	do.		1		Tex.
<i>Celama sorghiella</i> (Riley) (Nolidae):					
<i>Sorghum vulgare</i> (sorghum)	do.	2			Tex.
<i>Celerio lineata</i> (F.) (Sphingidae):					
<i>Beta vulgaris cicla</i> (Swiss chard)	do.	1			Tex.
<i>Ceratitis capitata</i> Wied. (Tephritidae):					
<i>Mangifera indica</i> (mango)	Hawaii	1			Calif.*
On paper wrapper around grapefruit	Union of South Africa		1		N. Y.
<i>Ceratitis capitata</i> Wied. (?) (Tephritidae):					
<i>Citrus paradisi</i> (grapefruit)	do.		2		N. Y., Va.
<i>Citrus sinensis</i> (orange)	Mozambique, Union of South Africa.		2		N. Y., Va.
<i>Ceralocapsus apicalis</i> Kngt. (Miridae):					
<i>Lactuca sativa</i> (lettuce)	Mexico	1			Tex.
<i>Ceralocapsus punctulatus</i> (Reut.) (Miri- dae):					
<i>Lactuca sativa</i> (lettuce)	do.	3			Tex.
<i>Raphanus sativus</i> (radish)	do.	1			Tex.
<i>Ceroplastes cirripediformis</i> Comst. (Cocci- dae):					
<i>Piper nigrum</i> (black pepper)	do.	1			Ariz.
<i>Ceratomya atrofasciata</i> Jac. (Chryso- melidae):					
<i>Phaseolus</i> sp. (string bean)	do.	1			Tex.
<i>Ceutorhynchus pleurostigma</i> Marsh. (Cur- culionidae):					
<i>Brassica napobrassica</i> (rutabaga)	England		3		N. Y., Pa.
<i>Brassica rapa</i> (turnip)	do.		3		La., N. Y., Pa.
<i>Ceutorhynchus quadridens</i> Panz. (Curcu- lionidae):					
<i>Brassica oleracea botrytis</i> (cauliflower)	do.		1		Va.
<i>Brassica oleracea capitata</i> (cabbage)	do.		1		N. Y.
<i>Brassica rapa</i> (turnip)	Algeria		1		Md.

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<i>Chaetopsis fulvifrons</i> (Macq.) (Otitidae):					
<i>Lactuca sativa</i> (lettuce)	Mexico	1			Tex.
<i>Lycopersicon esculentum</i> (tomato)	do	1			Ariz.
<i>Scirpus</i> sp.	do	2			Tex.
<i>Chalarus spurius</i> (Fall.) (Dorylaidae):					
<i>Pisum sativum</i> (pea)	do	1			Ariz.
<i>Chapuisia mexicana</i> Duges (Chapuisidae):					
<i>Lycopersicon esculentum</i> (tomato)	do	2			Ariz.
<i>Chilo loftini</i> Dyar (Crambidae):					
<i>Cymbopogon citratus</i> (lemongrass)	do	2			Ariz.
<i>Chilo simplex</i> (Butler) (?) (Crambidae):					
<i>Oryza sativa</i> (rice)	South Pacific	1			N. Y.
<i>Chrysomphalus albopictus</i> (Ckll.) (Coccidae):					
<i>Gardenia jasminoides</i> (Cape-jasmine)	Mexico		1		La.
<i>Musa paradisiaca sapientum</i> (banana)	Guatemala, Mexico	2			Ala., Tex.
<i>Persea americana</i> (avocado)	Mexico	8			Tex.
<i>Chrysomphalus nigropunctatus</i> (Ckll.) (Coccidae):					
<i>Laelia</i> sp. (orchid)	do			1	Calif.
<i>Chrysomphalus personatus</i> (Comst.) (Coccidae):					
<i>Mangifera indica</i> (mango)	Trinidad	1			Fla.*
<i>Chrysomphalus scutiformis</i> (Ckll.) (Coccidae):					
<i>Musa paradisiaca sapientum</i> (banana)	Honduras	1			Fla.*
<i>Chrysomphalus smilacis</i> (Comst.) (Coccidae):					
<i>Dasyllirion</i> sp. (sotol)	Mexico	1			Tex.
<i>Chrysomphalus umboniferus</i> (Newst.) (Coccidae):					
<i>Calanthe</i> sp. (orchid)	Canal Zone			1	Calif.*
<i>Dendrobium</i> sp. (orchid)	do			1	Calif.*
<i>Epidendrum atropurpureum</i> (orchid)	do			1	Calif.*
<i>Epidendrum stansfordianum</i>	do			1	N. J.
<i>Epidendrum</i> sp.	Guatemala			1	Calif.*
<i>Musa paradisiaca sapientum</i> (banana)	Costa Rica	1			Calif.*
<i>Vanilla planifolia</i> (orchid)	Canal Zone			1	Calif.*
<i>Vanilla</i> sp.	do			1	Calif.*
<i>Cicocius dorsivittatus</i> (Van D.) (Fulgoroidea):					
<i>Lycopersicon esculentum</i> (tomato)	Mexico	1			Ariz.
<i>Clepsidrus busckiana</i> Keif. (Tortricidae):					
<i>Cyclamen</i> sp.	British Columbia			1	Wash.
<i>Clerada apicicornis</i> Sign. (Lygaeidae):					
<i>Lilium</i> sp.	Bermuda	1			N. Y.
<i>Clytus arietis</i> L. (Cerambycidae):					
<i>Ulmus</i> sp. (elm)	England	1			N. Y.
<i>Coccus viridis</i> (Green) (Coccidae):					
<i>Gardenia jasminoides</i> (Cape-jasmine)	Canal Zone, Colombia, Costa Rica, Cuba, Dominican Republic, Honduras, Panama, Puerto Rico, Venezuela.	19			Fla.*
<i>Coleophora laricella</i> (Hbn.) (Coleophoridae):					
<i>Larix</i> sp. (larch)	Canada	1			Mass.
<i>Ledum</i> spp.	do	1			Mass.
<i>Colias eurytheme</i> Bdv. (Pieridae):					
<i>Medicago sativa</i> (alfalfa)	Mexico	1			Tex.
<i>Colobicus parilis</i> Pasc. (Colydiidae):					
<i>Solanum tuberosum</i> (potato)	New Zealand		2		Pa.
<i>Colydodes gibbiceps</i> (Sharp) (Colydiidae):					
Under bark of log	Mexico	1			Tex.
<i>Conchaspis angraci</i> Ckll. (Coccidae):					
<i>Oncidium stipitatum</i> (orchid)	Canal Zone			1	Calif.*
<i>Schomburgkia undulata</i> (orchid)	do			1	Calif.*
<i>Conoderus exsul</i> (Sharp) (Elateridae):					
Quarters of airplane	South Pacific		1		Hawaii.*
<i>Conoderus lividus</i> Deg. (Elateridae):					
<i>Lactuca sativa</i> (lettuce)	Mexico	1			Tex.
<i>Conoderus vespertinus</i> (F.) (Elateridae):					
<i>Lactuca sativa</i>	do	1			Tex.
<i>Conotrachelus aguacatae</i> Barber (Curculionidae):					
<i>Persea americana</i> (avocado)	do	186			Tex.

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<i>Conotrachelus integer</i> Csy. (Curculioni- dae) <i>Quercus</i> sp. (acorn).....	Mexico.....	32			Ariz., Calif., Tex.
<i>Conotrachelus leucophaeatus</i> Fahr. (Cur- culionidae): <i>Lactuca sativa</i> (lettuce).....	do.....	1			Tex.
<i>Conotrachelus seniculus</i> Lec. (Curculioni- dae): <i>Daucus carota sativa</i> (carrot).....	do.....	1			Tex.
<i>Lactuca sativa</i> (lettuce).....	do.....	1			Tex.
<i>Lycopersicon esculentum</i> (tomato).....	do.....	1			Tex.
<i>Medicago sativa</i> (alfalfa).....	do.....	1			Tex.
<i>Persea americana</i> (avocado).....	do.....	1			Tex.
<i>Petroselinum crispum</i> (parsley).....	do.....	1			Tex.
<i>Sorghum vulgare</i> (sorghum).....	do.....	1			Tex.
<i>Corcyra cephalonica</i> (Staint.) (Gallerii- dae): Grass seed.....	Dominican Republic.....			1	P. R.
<i>Phaseolus aureus</i> (mung bean).....	Dutch West Indies.....			1	N. Y.
<i>Cossonus canaliculatus</i> F. (Curculioni- dae): Log.....	Mexico.....	4			Tex.
<i>Crocidosema plebeiana</i> Zell. (Olethreuti- dae): <i>Crataegus</i> sp. (red haw).....	do.....	1			Tex.
<i>Cryphula apicatus</i> (Dist.) (Lygaeidae): <i>Ananas comosus</i> (pineapple).....	do.....	1			Tex.
Orchid.....	do.....			1	Tex.
<i>Cryphula parallogramma</i> Stal (Lygaei- dae): <i>Lycopersicon esculentum</i> (tomato).....	do.....	1			Tex.
<i>Curculio q-griseae</i> Chttn. (Curculioni- dae): <i>Quercus</i> sp. (acorn).....	do.....	34			Ariz., Tex.
<i>Cylas formicarius elegantulus</i> (Summers) (Curculionidae): <i>Ipomoea batatas</i> (sweetpotato).....	Cuba, Jamaica, Mexico, Puerto Rico.....	27	27		Ala., Fla., N. Y., Pa., Tex.
<i>Cylas formicarius</i> , prob. subsp. <i>elegantulus</i> (Summers) (Curculionidae): <i>Ipomoea batatas</i> (sweetpotato).....	Cuba, Honduras, Mex- ico.....		14		Ala., Tex.
<i>Cylas formicarius</i> , perhaps subsp. <i>formi- carius</i> F. (Curculionidae): <i>Ipomoea batatas</i> (sweetpotato).....	India.....		2		Ga.
<i>Cylas formicarius</i> (F.), subsp. (?) (Cur- culionidae): <i>Dioscorea</i> sp. (yam).....	Australia.....		1		Calif. *
<i>Cyllene antennatus</i> White (Cerambyci- dae): <i>Prosopis</i> sp. (mesquite).....	Mexico.....	1			Ariz.
<i>Cyllene congener</i> C. & G. (Cerambyci- dae): Bamboo.....	Brazil.....		1		Calif. *
<i>Cyphosterna bicolor</i> Chevr. (Cerambyci- dae): Bamboo.....	Mexico.....	1			Ariz.
<i>Cyrtopeltis varians</i> (Dist.) (Miridae): <i>Lycopersicon esculentum</i> (tomato).....	do.....	1			Ariz.
<i>Dactylosternum abdominale</i> (F.) (Hydro- philidae): <i>Physalis</i> sp. (husk tomato).....	do.....	1			Tex.
<i>Solanum tuberosum</i> (potato).....	do.....		1		Tex.
<i>Deloyala guttata</i> (Oliv.) var. (Chrysome- lidae): Orchid.....	do.....			1	Tex.
<i>Deltocephalus comesus</i> DeL. & S. (Cica- dellidae): <i>Pinus</i> sp. (pine).....	do.....	1			Tex.
<i>Dendrobiella aspera</i> (Lec.) (Bostrichidae): <i>Prosopis</i> sp. (mesquite).....	do.....	1			Calif.
<i>Dercynus micornyx</i> Champ. (Curculioni- dae): <i>Brownea</i> sp.....	Trinidad.....			1	Fla. *
<i>Cynometra trinitensis</i>	do.....			1	Fla. *

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		Con- sump- tion	Non- entry	Prop- aga- tion	
<i>Dialeurodes chittendeni</i> Laing (Aleyrodidae):					
<i>Rhododendron</i> sp.	England			1	N. J.
<i>Dialeurodes citri</i> (Ash.) (Aleyrodidae):					
<i>Citrus reticulata</i> (tangerine)	Panama		1		Fla.*
<i>Dialeurodes kirkaldyi</i> (Kot.) (Aleyrodidae):					
<i>Jasminum sambac</i> (Arabian jasmine)	Hawaii			1	Calif.*
<i>Diatraea grandiosella</i> Dyar (Crambidae):					
<i>Zea mays</i> (corn)	Mexico	2			Ariz.
<i>Diatraea saccharalis</i> (F.) (Crambidae):					
<i>Zea mays</i> (corn)	do	1			Tex.
<i>Dinoderus bifoveolatus</i> Woll. (Bostrichidae):					
<i>Ipomoea purga</i> (jalapa)	India	1			N. Y.
<i>Serjania mexicana</i> (barbasco)	Peru	2			N. Y.
Wood	Mexico	1			Tex.
<i>Dinoderus brevis</i> Horn (Bostrichidae):					
Bamboo	China	1			Tex.
<i>Disonychia militaris</i> Jac. (Chrysomelidae):					
<i>Capicum frutescens</i> (pepper)	Mexico	1			Ariz.
<i>Dorcus parallelipedus</i> L. (Lucanidae):					
<i>Juglans</i> sp. (walnut)	England	2			N. Y.
<i>Quercus</i> sp. (oak)	do	1			N. Y.
<i>Dorytomus luridus</i> (Mann.) (Curculionidae):					
<i>Convallaria majalis</i> (lily-of-the-valley)	Canada	2			Wash.
<i>Draeculacephala lenticula</i> Ball (Cicadellidae):					
<i>Lactuca sativa</i> (lettuce)	Mexico	1			Tex.
<i>Draeculacephala minerva</i> Ball (Cicadellidae):					
<i>Apium graveolens</i> (celery)	do	1			Tex.
<i>Lactuca sativa</i> (lettuce)	do	1			Tex.
<i>Drasterius livens</i> Lec. (Elateridae):					
<i>Beta vulgaris</i> (beet)	do	1			Tex.
<i>Drasterius scutellatus</i> Schfr. (Elateridae):					
In cabin of airplane	Canal Zone		1		Tex.
<i>Brassica oleracea capitata</i> (cabbage)	Mexico	1			Tex.
<i>Citrus sinensis</i> (orange)	do		1		Tex.
<i>Persea americana</i> (avocado)	do	1			Tex.
<i>Dryocoetes villosus</i> (F.) (Scolytidae):					
<i>Quercus</i> sp. (oak)	England	1			N. Y.
<i>Edessa cornuta</i> Burm. (Pentatomidae):					
Orchid	Mexico			1	Tex.
<i>Elasmopalpus lignosellus</i> (Zell.) (Phycitidae):					
<i>Phaseolus</i> sp. (string bean)	do	1			Ariz.
<i>Empoasca solana</i> DeL. (Cicadellidae):					
<i>Lactuca sativa</i> (lettuce)	do	4			Ariz., Tex.
<i>Phaseolus</i> sp. (string bean)	do	1			Ariz.
<i>Epicaerus cognatus</i> Sharp (Curculionidae):					
<i>Solanum tuberosum</i> (potato)	do	1			Tex.
<i>Epicauta callosa</i> Lec. (Meloidae):					
<i>Ananas comosus</i> (pineapple)	do	1			Tex.
<i>Epicauta nigratarsis</i> Lec. (Meloidae):					
<i>Ananas comosus</i> (pineapple)	do	1			Tex.
<i>Lactuca sativa</i> (lettuce)	do	1			Tex.
<i>Epicauta tenella</i> (Lec.) (Meloidae):					
<i>Solanum tuberosum</i> (potato)	do	1			Ariz.
<i>Epicauta virgulata</i> (Lec.) (Meloidae):					
Mixed vegetables	do	1			Ariz.
<i>Epilachna varivestis</i> Muls. (Coccinellidae):					
<i>Lactuca sativa</i> (lettuce)	do	1			Tex.
<i>Phaseolus</i> sp. (string bean)	do	2			Tex.
<i>Epinotia opposita</i> Hein. (Olethreutidae):					
<i>Phaseolus</i> sp. (string bean)	do	118	1		Ariz., Tex.
<i>Epitrix fasciata</i> Blatch. (Chrysomelidae):					
<i>Lycopersicon esculentum</i> (tomato)	do	2			Ariz., Tex.
<i>Epitrix hirtipennis</i> (Melsh.) (Chrysomelidae):					
<i>Lactuca sativa</i> (lettuce)	do	1			Tex.
<i>Lycopersicon esculentum</i> (tomato)	do	1			Ariz.
<i>Ereunetis flavistrata</i> (Walsm.) (Tineidae):					
<i>Cocos nucifera</i> (coconut)	Hawaii	1	1		Calif.*

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<i>Erynephala puncticollis</i> (Say) (Chrysomelidae):					
<i>Lactuca sativa</i> (lettuce)	Mexico	1			Tex.
<i>Eucalymnatus tessellatus</i> (Sign.) (Coccidae):					
<i>Gardenia jasminoides</i> (Cape-jasmine)	Colombia, Mexico, Panama	9	2		Fla., Tex.
<i>Eumecosomyia nubila</i> (Wied.) (Otitidae):					
<i>Lactuca sativa</i> (lettuce)	Mexico	1			Tex.
<i>Physalis</i> sp. (husk tomato)	do	2			Tex.
<i>Scirpus</i> sp. (tule)	do	1			Tex.
<i>Zea mays</i> (corn)	do	361	5		Ariz., Tex.
<i>Euphoria kerni</i> Hald. (Scarabaeidae):					
<i>Chrysanthemum maximum</i> (shasta daisy)	do	1			Tex.
Daisy	do	1			Tex.
<i>Rosa</i> sp. (rose)	do	1			Tex.
<i>Euphoria nitens</i> Csy. (Scarabaeidae):					
<i>Ananas comosus</i> (pineapple)	do	1			Tex.
<i>Eurycipitia vestitus</i> Dist. (Moridae):					
Orchid	do			2	Tex.
<i>Eurytoma orchidearum</i> (Westw.) (Eurytomidae):					
<i>Cattleya</i> sp. (orchid)	Venezuela			2	N. J.
<i>Euscepes postfasciatus</i> (Fairm.) (Curculionidae):					
<i>Ipomoea batatas</i> (sweetpotato)	Barbados, Brazil, Cuba, Peru, Puerto Rico, Trinidad.	20			Ala., Fla., La., Mass., N. Y.
<i>Euzesta notata</i> (Wied.) (Otitidae):					
<i>Cucurbita maxima</i> (squash)	Mexico	3			Tex.
<i>Euzesta sororcula</i> (Wied.) (Otitidae):					
<i>Persea americana</i> (avocado)	do	1			Tex.
<i>Euzesta stigmatias</i> Loew (Otitidae):					
<i>Zea mays</i> (corn)	do	57			Ariz., Tex.
<i>Everes comyntas</i> (Godart) (Lycaenidae):					
<i>Phaseolus</i> sp. (string bean)	do	19			Tex.
<i>Pisum sativum</i> (pea)	do	1			Tex.
<i>Evergestis rimosalis</i> (Guen.) (Pyraustidae):					
<i>Brassica oleracea botrytis</i> (cauliflower)	do	3			Tex.
<i>Brassica oleracea capitata</i> (cabbage)	do	3			Tex.
<i>Brassica rapa</i> (turnip)	do	1			Tex.
<i>Rorippa nasturtium-aquaticum</i> (watercress)	do	1			Tex.
<i>Exitianus obscurinervis</i> (Stal) (Cicadellidae):					
<i>Lycopersicon esculentum</i> (tomato)	do	1			Ariz.
<i>Erptochiomeria caeca</i> (Dist.) (Lygaeidae):					
<i>Capsicum frutescens</i> (pepper)	do	1			Tex.
<i>Faustinus cubae</i> (Boh.) (Curculionidae):					
<i>Capsicum frutescens</i>	Trinidad		1		Md.
<i>Feltia subterranea</i> (F.) (Phalaenidae):					
<i>Lactuca sativa</i> (lettuce)	Mexico	1			Tex.
<i>Forcipomyia raleighi</i> Macfie (Heleidae):					
<i>Lilium longiflorum</i> (Easter lily)	do			1	Tex.
<i>Forficula auricularia</i> L. (Forficulidae):					
<i>Secale cereale</i> (rye)	Portugal	1			Pa.
<i>Frankliniella cephalica</i> (Crawf.) (Thripidae):					
<i>Beta vulgaris</i> (beet)	Mexico	1			Tex.
<i>Frankliniella fortissima</i> Pr. (Thripidae):					
<i>Ananas comosus</i> (pineapple)	do	1			Ariz.
<i>Lycopersicon esculentum</i> (tomato)	do	1			Ariz.
<i>Frankliniella fusca</i> (Hinds) (Thripidae):					
<i>Amaryllis</i> sp	do			1	Tex.
<i>Gladiolus</i> sp	Canada	1			Minn.
<i>Iris</i> sp	do	1			Minn.
<i>Frankliniella insularis</i> (Franklin) (Thripidae):					
<i>Dahlia</i> sp	Dominican Republic		1		Fla.*
<i>Rosa</i> sp	Bahamas, Dominican Republic		2		Fla.*
<i>Frankliniella stylosa</i> Hood (Thripidae):					
<i>Oenothera</i> sp	Canada	1			N. Y.
<i>Franklinothrips vespiformis</i> (Crawf.) (Aeolothripidae):					
<i>Brassica chinensis</i> (Chinese cabbage)	Mexico	1			Calif.
<i>Capsicum frutescens</i> (pepper)	do	1			Ariz.
<i>Lycopersicon esculentum</i> (tomato)	do	1			Ariz.

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<i>Furcaspis biformis</i> (Ckll.) (Coccidae):					
<i>Cattleya granulosa</i> (orchid)	Canal Zone			1	Calif.*
<i>Cattleya peruviana</i>	Venezuela			1	P. R.
<i>Cattleya</i> sp.	British Guiana, Panama, Trinidad, Unknown (soldier's mail).			4	N. J.
<i>Dendrobium</i> sp. (orchid)	St. Vincent			1	N. J.
<i>Epidendrum atropurpureum</i> (orchid)	Canal Zone			1	Calif.*
<i>Laelia</i> sp. (orchid)	Unknown (soldier's mail)			1	Tex.
<i>Oncidium panamense</i> (orchid)	Mexico			1	Calif.*
<i>Oncidium stipitatum</i>	Canal Zone			1	Calif.*
<i>Oncidium</i> sp.	Trinidad			1	N. J.
Orchid.	Colombia			1	Fla.*
<i>Vanda</i> sp. (orchid)	Hawaii, St. Vincent			2	Calif.*, N. J.
<i>Galgupha punctifer</i> McA. & M. (Cydnidae):					
Orchid	Mexico			1	Tex.
<i>Geocoris lividipennis</i> Stal (Lygaeidae):					
<i>Spinacia oleracea</i> (spinach)	do	1			Ariz.
<i>Geocoris sonoraensis</i> Van D. (Lygaeidae):					
<i>Portulaca oleracea</i> (purslane)	do	1			Calif.
<i>Geocoris uliginosus speculator</i> Montandon (Lygaeidae):					
<i>Petroselinum crispum</i> (parsley)	do	1			Calif.
<i>Glyphonyx propinquus</i> Champ. (Elateridae):					
<i>Capsicum frutescens</i> (pepper)	do	1			Tex.
<i>Gnathotrichus denticulatus</i> Blackman (Scolytidae):					
<i>Lycopersicon esculentum</i> (tomato)	do	1			Ariz.
<i>Gnorimoschema gudmannella</i> (Wlsm.) (Gelechiidae):					
<i>Capsicum frutescens</i> (pepper)	do	71			Ariz., Tex.
<i>Haplothrips gowdeyi</i> (Fr.) (Phlaeothripidae):					
<i>Bougainvillea</i> sp.	Hawaii		1		Calif.*
<i>Heliodines bella</i> (Chamb.) (Heliodinidae):					
<i>Medicago sativa</i> (alfalfa)	Mexico	1			Tex.
<i>Portulaca oleracea</i> (purslane)	do	41			Ariz., Calif., Tex.
<i>Zea mays</i> (corn)	do	1			Ariz.
<i>Heliothis subflexa</i> (Guen.) (Phalaenidae):					
<i>Physalis</i> sp. (husk tomato)	do	30			Tex.
<i>Heliella phidolealis</i> (Wlk.) (Pyraustidae):					
<i>Brassica hirta</i> (white mustard)	do	34			Calif.
<i>Brassica</i> sp. (mustard)	do	2			Calif.
<i>Heliella undalis</i> (F.) (Pyraustidae):					
<i>Brassica chinensis</i> (Chinese mustard)	do	2			Ariz.
<i>Brassica hirta</i> (white mustard)	do	22			Calif.
<i>Brassica rapa</i> (turnip)	do	6			Calif., Tex.
<i>Brassica</i> sp. (mustard)	do	1			Calif.
<i>Lactuca sativa</i> (lettuce)	do	1			Tex.
<i>Raphanus sativus</i> (radish)	do	1			Tex.
<i>Heraeus criminus</i> Dist. (Lygaeidae):					
<i>Stanhopea</i> sp. (orchid)	do			1	Tex.
<i>Heraeus illitus</i> Dist. (Lygaeidae):					
In cabin of airplane	Canal Zone or Guatemala.		1		Tex.
<i>Hercinotrips bicinctus</i> (Wms.) (Thripidae):					
<i>Cypripedium</i> sp. (orchid)	England			2	N. J.
<i>Hermelia illucens</i> (L.) (Stratiomyidae):					
<i>Brassica hirta</i> (white mustard)	Mexico	1			Calif.
<i>Heterobostrychus aequalis</i> (Waterh.) (Bostriichidae):					
Wood	India	1			Oreg.
<i>Hoplandrothrips ranthopoides</i> Bagn. (Phlaeothripidae):					
<i>Cattleya</i> sp. (orchid)	Colombia			1	N. J.
<i>Hypnoidus riparius</i> (F.) (Elateridae):					
Sod used as ballast	Iceland, Scotland	3			Mass., N. Y.
<i>Hypogeocoris imperialis</i> (Dist.) (Lygaeidae):					
<i>Gossypium</i> sp. (cotton)	Mexico		1		Tex.
<i>Hypselonotus fulvus renosus</i> F. (Coreidae):					
<i>Sechium edule</i> (chayote)	do	1			Tex.
<i>Ips integer</i> Eichh. (Scolytidae):					
Wood	do	1			Tex.

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<i>Ischnodemus umbratus</i> Dist. (Lygaeidae): <i>Ananas comosus</i> (pineapple)	Mexico	1			Tex.
<i>Kakimia aquilegiae</i> (Essig) (Aphidae): <i>Aquilegia</i> sp. (columbine)	Canada			1	N. J.
<i>Lasconotus arrowi</i> Hinton (Colydiidae): <i>Lycopersicon esculentum</i> (tomato)	Mexico	1			Ariz.
<i>Laspeyresia leguminis</i> Heinrich (Olethreutidae): <i>Phaseolus</i> sp. (string bean)	do	4			Ariz.
<i>Laspeyresia splendana</i> (Hbn.) (Olethreutidae): <i>Castanea</i> sp. (chestnut)	Portugal	8			Pa.
<i>Lecanium corni</i> Bouche (Coccidae): <i>Sorbus</i> sp.	England			1	N. J.
<i>Lecanium fletcheri</i> Ckll. (Coccidae): <i>Tsuga</i> sp. (hemlock)	Canada	1			Mass.
<i>Leiopus nebulosus</i> (L.) (Cerambycidae): <i>Betula</i> sp. (birch)	England	1			N. Y.
<i>Leperisinus fraxini</i> (Panz.) (Scolytidae): <i>Fraxinus</i> sp. (ash)	do	19			N. Y.
<i>Lepidosaphes alba</i> (Ckll.) (Coccidae): <i>Manihot</i> sp.	Peru			1	N. J.
<i>Lepidosaphes peninsularis</i> Ferris (Coccidae): <i>Euphorbia antisiphilitica</i> (wax euphorbia)	Mexico			1	N. J.
<i>Lepidosaphes philococcus</i> (Ckll.) (Coccidae): <i>Cactus</i>	do	1		1	Tex.
<i>Echinocereus</i> sp. (cactus)	do			1	Tex.
<i>Lemaireocereus chende</i> (cactus)	do			1	Tex.
<i>Lepidosaphes tokionis</i> (Kuw.) (Coccidae): <i>Codiaeum</i> sp.	Hawaii			1	Calif.*
<i>Lepidosaphes tuberculata</i> (Malen.) (Coccidae): <i>Cymbidium</i> sp. (orchid)	England			7	N. J.
<i>Leptipsius striatus</i> (Lec.) (Monotomidae): <i>Swietenia mahagoni</i> (mahogany)	Mexico	2			Tex.
<i>Zea mays</i> (corn)	do	2			Tex.
<i>Leptocera fontinalis</i> (Fall.) (Cypselidae): <i>Phaseolus</i> sp. (string bean)	do	1			Tex.
<i>Raphanus sativus</i> (radish)	do	1			Tex.
<i>Leptophobia aripa</i> (Bdv.) (Pieridae): <i>Brassica oleracea botrytis</i> (cauliflower)	do	1			Tex.
<i>Leptostylus gibbulosus</i> Bates (Cerambycidae): Seed	Nicaragua	1			Tex.
<i>Lerina incarnata</i> Wlk. (Arctiidae): <i>Ferocactus</i> sp. (cactus)	Mexico			1	Tex.
<i>Leucaspis cockerelli</i> (de Charmoy) (Coccidae): <i>Aspasia</i> sp. (orchid)	Canal Zone			1	N. J.
<i>Citrus sinensis</i> (orange)	Colombia		1		Fla.*
<i>Zygopetalum burtii</i> (orchid)	Canal Zone			1	N. J.
<i>Leucinodes elegantalis</i> Guen. (Pyraustidae): <i>Lycopersicon esculentum</i> (tomato)	Mexico	16			Tex.
<i>Leucopocila albofasciata</i> Reut. (Miridae): <i>Lactuca sativa</i> (lettuce)	do	1			Tex.
<i>Lichtensia lutea</i> (Ckll.) (Coccidae): <i>Codiaeum</i> sp. (croton)	do			2	Tex.
<i>Ligyrocoris aurivilliana</i> Dist. (Lygaeidae): <i>Cactus</i>	do			1	Tex.
<i>Lactuca sativa</i> (lettuce)	do	3			Tex.
<i>Phaseolus</i> sp. (string bean)	do	1			Ariz.
<i>Physalis</i> sp. (husk tomato)	do	1			Tex.
<i>Ligyrocoris litigiousus</i> (Stal) (Lygaeidae): <i>Ananas comosus</i> (pineapple)	do	1			Tex.
<i>Ligyrocoris nitidicollis</i> (Stal) (Lygaeidae): <i>Ananas comosus</i>	do	1			Tex.
Cut flowers	do	1			Tex.
<i>Ligyrocoris nitidulus</i> (Uhl.) (Lygaeidae): <i>Brassica</i> sp. (mustard)	do	1			Tex.
<i>Lineodes int egra</i> (Zell.) (Pyraustidae): <i>Lycopersicon esculentum</i> (tomato)	do	2			Ariz., Tex.
<i>Solanum melongena</i> (eggplant)	do	1			Ariz.

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<i>Liothrips vaneeckei</i> Pr. (Thripidae):					
<i>Lilium pyrenaicum</i> (Pyrenees lily)	British Columbia			1	N. J.
<i>Lilium umbellatum</i> (western orange-cup lily).	Canada			1	N. J.
<i>Lilium</i> sp.	England			1	N. J.
<i>Listronotus oregonensis</i> Lec. (Curculionidae):					
<i>Daucus carota sativa</i> (carrot)	Mexico	1			Tex.
<i>Lixus mucronatus</i> (Ol.) (Curculionidae):					
<i>Apium graveolens</i> (celery)	Portugal		1		Md.
<i>Lophocateres pusillus</i> (Klug) (Ostomidae):					
<i>Cicer arietinum</i> (garbanzo)	Mexico	1			Tex.
<i>Hibiscus sabdariffa</i> (roselle)	Brazil			1	D. C.
<i>Lorita abornana chatka</i> Busek (Phalacnidae):					
<i>Capsicum frutescens</i> (pepper)	Mexico	3			Ariz.
<i>Lygaeus circumlinitus</i> Distant (Lygaeidae):					
Orchid	do			1	Tex.
<i>Lygaeus lateralis</i> Dallas (Lygaeidae):					
<i>Citrus aurantifolia</i> (sour lime)	do	1			Tex.
<i>Lygaeus pulchellus</i> F. (Lygaeidae):					
<i>Lycopersicon esculentum</i> (tomato)	do	1			Ariz.
<i>Lygaeus vittiscutis</i> Stal (Lygaeidae):					
Log	do	1			Tex.
<i>Lygus elisus</i> Van D. (Miridae):					
<i>Brassica rapa</i> (turnip)	do	1			Tex.
<i>Brassica</i> sp. (mustard)	do	1			Calif.
<i>Portulaca oleracea</i> (purslane)	do	1			Tex.
<i>Lygus kalmii</i> (L.) (Miridae):					
<i>Brassica oleracea capitata</i> (cabbage)	England	1			N. Y.
<i>Lygus oblineatus</i> (Say) (Miridae):					
<i>Beta vulgaris</i> (beet)	Mexico	1			Tex.
<i>Brassica hirta</i> (white mustard)	do	2			Calif.
<i>Brassica oleracea botrytis</i> (cauliflower)	do	2			Tex.
<i>Brassica rapa</i> (turnip)	do	1			Tex.
<i>Brassica</i> sp. (mustard)	do	3			Tex.
<i>Lactuca sativa</i> (lettuce)	do	3			Tex.
<i>Spinacia oleracea</i> (spinach)	do	1			Calif.
<i>Lygus sallei</i> Stal (Miridae):					
<i>Chrysanthemum parthenium</i> (feverfew)	do	1			Tex.
<i>Lactuca sativa</i> (lettuce)	do	3			Tex.
<i>Tagetes</i> sp. (marigold)	do	1			Tex.
<i>Macrosiphum rubiellum</i> (Theob.) (Aphididae):					
<i>Rubus</i> sp.	England			1	N. J.
<i>Macrostelus dimsus</i> (Uhl.) (Cicadellidae):					
<i>Lactuca sativa</i> (lettuce)	Mexico	1			Tex.
<i>Maraba wallacei</i> (Dohrn) (Labiidae):					
<i>Triticum aestivum</i> (wheat)	Australia	1			Wash.
<i>Maruca testulalis</i> (Geyer) (Pyraustidae):					
<i>Phaseolus</i> sp. (string bean)	Cuba, Mexico	3	1		Ala., Tex.
<i>Melanotus rufipes</i> (Hbst.) (Elaterridae):					
<i>Juglans</i> sp. (walnut)	England				N. Y.
<i>Quercus</i> sp. (oak)	do				N. Y.
Soil around roots of walnut log	do				N. Y.
<i>Melanthrips fuscus</i> (Sulz.) (Aeolothripidae):					
<i>Dianthus</i> sp. (carnation)	Portugal	1			N. Y.
<i>Merragata hebrides</i> White (Hebriidae):					
<i>Rorippa nasturtium aquaticum</i> (watercress).	Mexico	1			Tex.
<i>Metamasius callizona</i> (Chev.) (Curculionidae):					
<i>Ananas comosus</i> (pineapple)	do	1			Tex.
<i>Metamasius sericeus</i> (Oliv.) (Curculionidae):					
Banana debris	Ecuador	1			La.
<i>Musa paradisiaca sapientum</i> (banana)	Costa Rica, Panama	10			Calif.*
<i>Metrona emarginata</i> (Boh.) (Chrysomelidae):					
<i>Lactuca sativa</i> (lettuce)	Mexico	1			Tex.
<i>Micrapate labialis</i> Les. (Bostrichidae):					
<i>Sambucus</i> sp. (elder)	do	1			N. Y.
<i>Micretus ericae</i> Gyll. (Curculionidae):					
<i>Calluna vulgaris</i> (heather)	Scotland	1			Wash.

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<i>Monanthia monotropidia</i> Stal (Tingitidae): <i>Lycopersicon esculentum</i> (tomato)	Mexico	1			Tex.
<i>Moodna bisinuella</i> Hamp. (Phycitidae): <i>Zea mays</i> (corn)	do	60	1		Tex.
<i>Mordellistena catleyana</i> Champ. (Mordel- lidae): <i>Cattleya dowiana</i> (orchid)	do			1	Tex.
<i>Myodocha longicollis</i> Stal (Lygaeidae): Orchid	do			1	Tex.
<i>Nabis alternatus</i> Parsh. (Nabidae): <i>Brassica</i> sp. (mustard)	do	1			Tex.
<i>Lactuca sativa</i> (lettuce)	do	1			Tex.
<i>Medicago sativa</i> (alfalfa)	do	1			Tex.
<i>Raphanus sativus</i> (radish)	do	1			Tex.
<i>Nabis capsiformis</i> Germar (Nabidae): <i>Lactuca sativa</i> (lettuce)	do	2			Tex.
<i>Nasutitermes cornigera</i> Motsch. (Termiti- dae): <i>Caesalpinia</i> sp.	Nicaragua	1			Calif.*
Log	Mexico	1			Tex.
Orchid	Unknown (soldier's mail).			2	Tex.
<i>Neoclytus cacicus</i> Chev. (Cerambycidae): <i>Guajacum officinale</i> (lignumvitae)	Jamaica, Mexico	3			Ariz., N. Y.
<i>Neodryocoetes hubbardi</i> Blackm. (Scolyti- dae): <i>Cola</i> sp.	Haiti	1			N. Y.
<i>Nicentrus testaceus</i> Champ. (Curculi- onidae): <i>Lactuca sativa</i> (lettuce)	Mexico	1			Tex.
<i>Nicobium castaneum</i> (Oliv.) (Anobiidae): Wood	New Caledonia	3			Mass.
<i>Niveaspis tecta</i> Ferris (Coccidae): <i>Mandevilla foliosa</i>	Mexico	1			N. J.
<i>Norvellina texana</i> (Ball) (Cicadellidae): <i>Brassica oleracea capitata</i> (cabbage)	do	1			Tex.
<i>Nysius ericae</i> (Schill.) (Lygaeidae): <i>Raphanus sativus</i> (radish)	do	1			Tex.
<i>Nysius minutus</i> Uhl. (Lygaeidae): <i>Beta vulgaris</i> (beet)	do	1			Tex.
<i>Brassica rapa</i> (turnip)	do	2			Tex.
<i>Brassica</i> sp. (mustard)	do	8			Calif., Tex.
<i>Lactuca sativa</i> (lettuce)	do	3			Tex.
<i>Raphanus sativus</i> (radish)	do	6			Tex.
<i>Rorippa nasturtium aquaticum</i> (water- cress).	do	1			Calif.
<i>Nysius strigosus</i> Uhl. (Lygaeidae): <i>Brassica chinensis</i> (Chinese cabbage)	do	3			Calif.
<i>Brassica oleracea botrytis</i> (cauliflower)	do	1			Tex.
<i>Brassica rapa</i> (turnip)	do	9			Tex.
<i>Brassica</i> sp. (mustard)	do	5			Tex.
<i>Chrysanthemum parthenium</i> (fever- few).	do	6			Tex.
Cut flowers	do	2			Tex.
<i>Lactuca sativa</i> (lettuce)	do	5			Tex.
<i>Portulaca oleracea</i> (purslane)	do	4			Ariz., Tex.
<i>Raphanus sativus</i> (radish)	do	9			Tex.
<i>Odonaspis saccharicaulis</i> Zehnt. (Cocci- dae): <i>Saccharum officinarum</i> (sugarcane)	Mozambique		1		N. Y.
<i>Odontoloxozus longicornis</i> (Coq.) (Tylidae): <i>Physalis</i> sp. (husk tomato)	Mexico	1			Ariz.
<i>Olibrus submaculatus</i> Sharp (Phalacridae): <i>Ananas comosus</i> (pineapple)	do	1			Tex.
<i>Opsius stactogalus</i> Fieb. (Cicadellidae): Mixed cut flowers	do	1			Tex.
<i>Lactuca sativa</i> (lettuce)	do	2			Tex.
<i>Oryzareneus luctuosus</i> (Montrouzier) (Ly- gaeidae): <i>Abutilon otocarpum</i>	Queensland	1			Mass.
<i>Pachybrachis hepaticus</i> Melsh. (Chry- somalidae): <i>Brassica chinensis</i> (Chinese mustard)	Mexico	1			Ariz.
<i>Lactuca sativa</i> (lettuce)	do	3			Ariz., Tex.
<i>Portulaca oleracea</i> (purslane)	do	1			Ariz.
<i>Pachybrachius bilobatus</i> (Say) (Lygaeidae): <i>Lycopersicon esculentum</i> (tomato)	do	2			Ariz.

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<i>Pachybrachius servillei</i> (Guer.) (Chrysomelidae):					
<i>Lycopersicon esculentum</i> (tomato).....	Mexico.....	1			Ariz.
<i>Palaeopus costicollis</i> Marsh. (Curculionidae):					
<i>Dioscorea</i> sp. (yam).....	Cuba.....		1		N. Y.
<i>Ipomoea batatas</i> (sweetpotato).....	Jamaica, Trinidad.....		7		N. Y.
<i>Parlatoria blanchardi</i> (Targ.) (Coccidae):					
Palm.....	Arabia.....	1			D. C.
<i>Parlatoria cinerea</i> Hadden (Coccidae):					
<i>Citrus reticulata</i> (tangerine).....	Brazil.....		1		Fla.*
<i>Citrus reticulata</i> (mandarin).....	do.....		1		Fla.*
<i>Citrus sinensis</i> (orange).....	Brazil, Dominican Republic.....		8		Fla.*
Unidentified plant.....	Mexico.....			1	Ariz.
<i>Parlatoria crotonis</i> Doug. (Coccidae):					
<i>Codiaeum</i> sp. (croton).....	Hawaii.....			1	Calif.*
<i>Parlatoria oleae</i> (Colvee) (Coccidae):					
<i>Olea</i> sp.....	Palestine.....			1	N. J.
<i>Rosa</i> sp. (rose).....	Spain.....			1	N. J.
<i>Parlatoria pseudaspidiotus</i> (Lindgr.) (Coccidae):					
<i>Vanda teres</i> (orchid).....	Canal Zone.....			1	Calif.*
<i>Parlatoria ziziphus</i> (Lucas) (Coccidae):					
<i>Citrus reticulata</i> (tangerine).....	China.....		1		Fla.*
<i>Citrus sinensis</i> (orange).....	British Guiana.....		1		Fla.*
<i>Paromius gracilis</i> (Ramb.) (Lygaeidae):					
Grass seed heads.....	Union of South Africa.....			1	D. C.
<i>Parysatis nigrirarsis</i> Thoms. (Cerambycidae):					
<i>Ananas comosus</i> (pineapple).....	Mexico.....	1			Tex.
<i>Pectinophora gossypiella</i> (Saund.) (Gelechiidae):					
<i>Gossypium</i> sp. (cotton) (boll).....	Mexico, Trinidad.....	2	1		Fla.* Tex.
<i>Gossypium</i> sp. (cottonseed).....	Egypt, Mexico, Puerto Rico, Virgin Islands.....	6	1		Md., N. J., N. Y., Tex.
<i>Gossypium</i> sp. (seed cotton).....	Cuba, Mexico.....	4			Pa., Tex.
<i>Phaenicia sericata</i> (Meigen) (Calliphoridae):					
<i>Prunus</i> sp. (cherry).....	Canada.....	1			Vt.
<i>Phelomerus aberrans</i> (Sharp) (Bruchidae):					
<i>Cassia moschata</i>	Canal Zone.....			3	N. J.
<i>Phenacaspis pinifoliae</i> Fitch (Coccidae):					
<i>Pinus</i> sp. (pine).....	Canada.....	1			Minn.
<i>Phenacaspis sandwicensis</i> Fullaway (Coccidae):					
<i>Cocos nucifera</i> (coconut).....	Hawaii.....	1			Calif.*
<i>Mangifera indica</i> (mango).....	do.....	1			Calif.*
<i>Phenacoccus gossypii</i> (Townsend & Ckll.) (Coccidae):					
<i>Campsis radicans</i> (trumpet vine).....	Bermuda.....		1		Va.
<i>Gardenia jasminoides</i> (Cape-jasmine).....	Mexico.....	1			Ariz.
<i>Pelargonium</i> sp. (geranium).....	do.....			2	Tex.
<i>Phenacoccus solani</i> (Ckll.) (Coccidae):					
<i>Chrysanthemum</i> sp.....	do.....	2			Tex.
<i>Phyllethrus subsulcatus</i> Horn (Chrysomelidae):					
<i>Portulaca oleracea</i> (purslane).....	do.....	1			Ariz.
<i>Phyllotreta albionica</i> (Lec.) (Chrysomelidae):					
<i>Brassica</i> sp. (mustard).....	do.....	1			Tex.
<i>Phyllotreta pusilla</i> Horn (Chrysomelidae):					
<i>Raphanus sativus</i> (radish).....	do.....	1			Tex.
<i>Phyllotreta vittula</i> Redt. (Chrysomelidae):					
<i>Daucus carota sativa</i> (carrot).....	England.....		1		N. Y.
<i>Physonota alutacea</i> Boh. (Chrysomelidae):					
<i>Cordia</i> sp.....	Mexico.....	1			Tex.
<i>Phytomyza ilicis</i> (Curt.) (Agromyzidae):					
<i>Ilex</i> sp. (holly).....	Canada.....	1			Mass.
<i>Pieris brassicae</i> (L.) (Pieridae):					
<i>Brassica oleracea capitata</i> (cabbage).....	England.....		1		N. Y.
<i>Pinnaspis temporaria</i> Ferris (Coccidae):					
Orchid.....	Hawaii.....			1	N. Y.
<i>Pintalia dorsivittata</i> (Van D.) (Fulgoridae):					
Herb.....	Mexico.....	1			Tex.
<i>Pityophthorus cribratus</i> Blackm. (Scolytidae):					
<i>Pinus</i> sp. (pine).....	do.....	8	2		Tex.

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<i>Pityophthorus mexicanus</i> Blackm. (Scolytidae):					
Unknown twig	Mexico	1			Ariz.
<i>Placosternus difficilis</i> (Chevr.) (Cerambycidae):					
<i>Ananas comosus</i> (pineapple)	do	1			Tex.
Log	do	1			Tex.
<i>Prosopis</i> sp. (mesquite)	do	1			Tex.
<i>Platynota rostrana</i> (Wlk.) (Tortricidae):					
<i>Lycopersicon esculentum</i> (tomato)	do	3			Tex.
<i>Platynota stultana</i> (Wlsm.) (Tortricidae):					
<i>Capsicum frutescens</i> (pepper)	do	229			Ariz., Tex.
<i>Lycopersicon esculentum</i> (tomato)	do	46			Ariz., Tex.
<i>Phaseolus</i> sp. (string bean)	do	1			Ariz.
<i>Platypus rugulosus</i> Chapuis (Platypodidae):					
Log	do	4			Tex.
<i>Swietenia mahagoni</i> (mahogany)	do	1			Tex.
<i>Phyxis scabiei</i> (Hopkins) (Fungivoridae):					
<i>Lilium longiflorum</i> (Easter lily)	do			4	Tex.
<i>Protopulvinaria pyrifomis</i> (Ckll.) (Coccidae):					
<i>Cinnamomum</i> sp. (cinnamon)	Trinidad	1			N. Y.
<i>Gardenia jasminoides</i> (Cape-jasmine)	Venezuela	5			Fla.*
<i>Pseudoaonidia trilobiformis</i> (Green) (Coccidae):					
<i>Mangifera indica</i> (mango)	Belgian Congo, Brazil		4		Fla.*
<i>Pseudischnaspis alienus</i> (Newst.) (Coccidae):					
<i>Cattleya bowringiana</i> (orchid)	Guatemala			1	Tex.
<i>Oncidium</i> sp. (orchid)	do			1	N. J.
Orchid	Costa Rica, Mexico		1	1	Fla.,* Tex.
<i>Rosa</i> sp. (rose)	Costa Rica, Honduras		2		Fla.*
<i>Pseudischnaspis bowreyi</i> (Ckll.) (Coccidae):					
<i>Agave fourcroydes</i> (henequen agave)	Cuba	1			D. C.
<i>Pseudococcus boninsis</i> (Kuw.) (Coccidae):					
<i>Saccharum officinarum</i> (sugarcane)	Mexico	2			Tex.
<i>Pseudodiaspis multipora</i> Ferris (Coccidae):					
<i>Phoradendron flavescens</i> (mistletoe)	do	1			Ariz.
<i>Pseudoparlatoria serrulata</i> (Townsend & Ckll.) (Coccidae):					
Orchid	do			1	Tex.
<i>Psila rosae</i> (F.) (Psilidae):					
<i>Brassica rapa</i> (turnip)	England		1		N. Y.
<i>Daucus carota sativa</i> (carrot)	Algeria, England, Morocco, England, New Zealand		5		N. Y., Pa., Tex.
<i>Pastinaca sativa</i> (parsnip)			3		N. Y., Tex.
<i>Pteleobius vestitus</i> (F.) (Scolytidae):					
<i>Ulmus</i> sp. (elm)	England	1			N. Y.
<i>Pteleobius vittatus</i> F. (Scolytidae):					
<i>Ulmus</i> sp. (elm)	do	2			N. Y.
<i>Pulvinaria psidii</i> Mask. (Coccidae):					
<i>Gardenia jasminoides</i> (Cape-jasmine)	Costa Rica, Mexico, Puerto Rico	2	2		Fla.,* Tex.
<i>Puto mexicanus</i> (Ckll.) (Coccidae):					
Orchid	Mexico	1			Tex.
<i>Salvia officinalis purpurascens</i> (purple sage)	do			1	Tex.
<i>Puto yuccae</i> (Coq.) (Coccidae):					
<i>Cephalocereus chrysanthus</i> (cactus)	do			1	Tex.
<i>Pyrrhodium sanguineum</i> (L.) (Cerambycidae):					
<i>Quercus</i> sp. (oak)	England	1			N. Y.
<i>Renocis mexicanus</i> Blackm. (Scolytidae):					
Herb	Mexico	1			Tex.
<i>Rhopalosiphum rufomaculatum</i> (Wils.) (Aphidae):					
<i>Chrysanthemum</i> sp.	do			1	Ariz.
<i>Rhyncolus lignarius</i> Marsh. (Curculionidae):					
<i>Juglans</i> sp. (walnut)	England	1			N. Y.
<i>Ribua innoxia</i> Hein. (Phycitidae):					
<i>Ananas comosus</i> (pineapple)	Cuba	1			La.
<i>Ripersia palmarum</i> (Ehrh.) (Coccidae):					
<i>Cocos nucifera</i> (coconut)	Hawaii		2		Calif.*

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<i>Salax lacordairei</i> Guer. (Tenebrionidae): Packing with grapes	Argentina	1			N. Y.
<i>Scolopocerus uhleri</i> Distant (Coreidae): <i>Chrysanthemum</i> sp.	Mexico	1			Tex.
Daisy	do.	1			Tex.
<i>Scolytus dimidatus</i> Chapuis (Scolytidae): Log	do.	2			Tex.
<i>Silvanus unidentatus</i> (F.) (Cucujidae): <i>Khaya</i> sp.	Gold Coast	1			N. Y.
<i>Quercus</i> sp. (oak)	England	1			N. Y.
<i>Sinodendron cylindricum</i> (L.) (Lucanidae): <i>Quercus</i> sp. (oak)	do.	1			N. Y.
<i>Sinozylon anale</i> Les. (Bostrichidae): Wood	India	1			N. Y.
<i>Sisamnes contractus</i> Dist. (Lygaeidae): <i>Ananas comosus</i> (pineapple)	Mexico	7			Tex.
<i>Sitona lineatus</i> (L.) (Curculionidae): <i>Lilium</i> sp. (lily)	Bermuda	1			N. Y.
<i>Sizeonotus areolatus</i> Knight (Miridae): <i>Lactuca sativa</i> (lettuce)	Mexico	9			Tex.
<i>Stephanoderes brasiliensis</i> Hopk. (Scolyti- dae): <i>Delonix regia</i> (flamboyant tree)	Trinidad	1			N. Y.
<i>Stephanoderes buscki</i> Hopk. (Scolytidae): <i>Caesalpinia coriaria</i> (divi-divi)	do.	1			N. Y.
<i>Stephanoderes hampei</i> Ferr. (Scolytidae): <i>Coffea</i> sp. (coffee)	Tanganyika	1			N. Y.
<i>Sternonchus mangiferae</i> (F.) (Curculioni- dae): <i>Mangifera indica</i> (mango)	Hawaii	2			Calif.*
<i>Taeniothrips atratus</i> (Hal.) (Thripidae): <i>Dianthus</i> sp. (carnation)	Unknown	1			N. Y.
<i>Taeniothrips dianthi</i> Pr. (Thripidae): <i>Dianthus</i> sp. (carnation)	Portugal	1			N. Y.
<i>Taeniothrips ericae</i> (Hal.) (Thripidae): <i>Calluna vulgaris</i> (heather)	Ireland, Scotland	5			Mass., N. Y.
<i>Taeniothrips gracilis</i> Mlt. (Thripidae): <i>Lilium longiflorum</i> (Easter lily)	Bermuda	1			N. Y.
<i>Taeniothrips inconsequens</i> Uzel (Thripi- dae): <i>Prunus</i> sp. (cherry)	Canada	1			Wash.
<i>Taeniothrips simplex</i> (Mor.) (Thripidae): <i>Gladiolus</i> sp.	do.			1	N. Y.
<i>Targionia bromeliae</i> (Leon.) (Coccidae): <i>Ananas comosus</i> (pineapple)	Cuba	1			Fla.*
<i>Targionia hartii</i> (Ckll.) (Coccidae): <i>Dioscorea</i> sp. (yam)	do.		4		Fla.,* N. Y.
<i>Targionia sacchari</i> (Ckll.) (Coccidae): <i>Zingiber officinale</i> (ginger)	India		1		N. Y.
<i>Tenthecoris bicolor</i> Scott (Miridae): <i>Cattleya percivaliana</i> (orchid)	Venezuela			1	P. R.
<i>Cattleya</i> sp. (orchid)	Brazil, Venezuela			8	Calif.,* N. J.
<i>Lycaete skinneri</i> (orchid)	Mexico			1	Tex.
<i>Tetraleurodes acaciae</i> (Q.) (Aleyrodidae): <i>Erythrina americana</i>	do.	1			N. J.
<i>Tetraleurodes fici</i> Q. & B. (Aleyrodidae): Undetermined plant	Nicaragua	1			Calif.*
<i>Tetraleurodes mori</i> (Q.) (Aleyrodidae): Herb	Mexico	1			Tex.
<i>Juglans</i> sp. (walnut)	do.	1			Tex.
<i>Lippia citriodora</i> (lemon verbena)	do.			1	Ariz.
<i>Psidium guajava</i> (guava)	do.	1			Ariz.
<i>Tetraleurodes ursorum</i> (Ckll.) (Aleyro- didae): <i>Epigaea repens</i> (trailing-arbutus)	Canada	10			Mass.
<i>Tetramorium simillimum</i> (P. Smith) (For- micidae): <i>Dioscorea</i> sp. (yam)	St. Lucia		1		Ala.
<i>Tetrapriocera longicornis</i> (Oliv.) (Bostri- chidae): <i>Derris scandens</i> (derris)	Ecuador	1			D. C.
Log	Mexico	2			Tex.
<i>Thrips angusticeps</i> Uzel (Thripidae): <i>Brassica oleracea capitata</i> (cabbage)	Morocco		1		Md.
<i>Thrips fuscipennis</i> Hal. (Thripidae): <i>Calluna vulgaris</i> (heather)	England	1			N. Y.

List of pests collected and reported from July 1, 1942, to June 30, 1943, inclusive—Con.

Insect and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Non-entry	Propagation	
<i>Trialeurodes vitrinellus</i> Ckll. (Aleyrodidae):					
Citrus sp.	Mexico	1			Tex.
<i>Trogoxylon prostomoides</i> Gorh. (Lyctidae):					
Bamboo	do	1			Ariz.
Wood	do	1			Ariz.
<i>Vinsonia stellifera</i> (Westw.) (Coccidae):					
Citrus sp.	Puerto Rico	1			Fla.*
<i>Epidendrum ciliare</i> (orchid)	Canal Zone			1	Calif.*
<i>Epidendrum</i> sp. (orchid)	Brazil			1	N. J.
<i>Gardenia jasminoides</i> (Cape-jasmine)	Puerto Rico		1		Fla.*
Orchid	Canal Zone			1	Calif.*
<i>Stanhopea wardii</i> (orchid)	do			1	Calif.*
<i>Xenomyrmex panamanus</i> Wheeler (Formicidae):					
Orchid	Unknown (soldier's mail).			3	Tex.
<i>Xyleborus confusus</i> Eichh. (Scolytidae):					
Khaya sp.	Gold Coast	1			N. Y.
Log	Mexico	1			Tex.
<i>Swietenia mahagoni</i> (mahogany)	do	1			Tex.
<i>Xyleborus fuscatus</i> Eichh. (Scolytidae):					
Log	do	3			Tex.
<i>Xyleborus propinquus</i> Eichh. (Scolytidae):					
Log	do	3			Tex.
<i>Pachyrhizus</i> sp. (yambean)	do	1			Ariz.
<i>Swietenia mahagoni</i> (mahogany)	Nicaragua	1			Calif.*
<i>Xyleborus sazeeni</i> (Ratz.) (Scolytidae):					
<i>Juglans</i> sp. (walnut)	England	1			N. Y.
<i>Xyleborus torquatus</i> Eichh. (Scolytidae):					
Log	Mexico	1			Tex.
<i>Swietenia mahagoni</i> (mahogany)	do	1			Tex.
<i>Xylion adustus</i> (F.) (Bostrichidae):					
Khaya sp. (African mahogany)	Gold Coast	3			N. Y.
<i>Xylion securifer</i> Les. (Bostrichidae):					
Khaya sp.	do	3			Md.
<i>Xylomeira torquata</i> (F.) (Bostrichidae)					
Bean	Mexico	1			Tex.
<i>Xylopertha crinitarsis</i> (Imh.) (Bostrichidae):					
Khaya sp.	Gold Coast	2			Md.
<i>Zabrotes subfasciatus</i> (Boh.) (Bruchidae):					
Bean	Brazil, Mexico, Union of South Africa, Venezuela.	18	2		Mass., N. Y. Tex.
<i>Chrysanthemum</i> sp.	Mexico	1			Tex.
Daisy	do	1			Tex.
<i>Phaseolus</i> sp. (string bean)	do	1			Ariz.
<i>Physalis</i> sp. (husk tomato)	do	1			Tex.
<i>Saccharum officinarum</i> (sugarcane)	do	1			Tex.
Wood	Canada	1			Calif.*
<i>Zea mays</i> (corn)	Mexico	1			Tex.

Hosts and insects

ABUTILON:

Oryzaenus luctuosus (Hemiptera)

ACACIA:

Acanthoscelides spinipes (Coleoptera)

ACHRAS:

Anastrepha serpentina (Diptera)

AGRICUS:

Cartodere ruficollis (Coleoptera)

AGAVE:

Amphicerus cornutus (Coleoptera)

Pseudischaspis bowreyi (Homoptera)

AMARYLLIS:

Frankliniella fusca (Thysanoptera)

ANANAS:

Actenodes mendez (Coleoptera)

Alpheias conspirata (Lepidoptera)

Blissus pulchellus (Hemiptera)

Catolethrus longulus (Coleoptera)

Cryphula apicatus (Hemiptera)

Epicaula callosa (Coleoptera)

ANANAS—Continued.

Epicaula nigrilaris (Coleoptera)

Euphoria nitens (Coleoptera)

Frankliniella fortissima (Thysanoptera)

Ischnodemus umbratus (Hemiptera)

Ligyrocoris litigiosus (Hemiptera)

Ligyrocoris nitidicollis (Hemiptera)

Metamasius callizona (Coleoptera)

Olibrus submaculatus (Coleoptera)

Parysatis nigrilaris (Coleoptera)

Placosternus difficilis (Coleoptera)

Ribua innozia (Lepidoptera)

Sisamnes contractus (Hemiptera)

Targionia bromeliae (Homoptera)

APIUM:

Draculacephala minerva (Hemiptera)

Lirius mucronatus (Coleoptera)

AQUILEGIA:

Kakimia aquilegiae (Homoptera)

ASPASIA—See Orchidaceae

Hosts and insects—Continued

- BAMBOO:**
Amphicerus cornutus (Coleoptera)
Asterolecanium bambusae (Homoptera)
Cyrtene congener (Coleoptera)
Cyphosterna bicolor (Coleoptera)
Dinoderus brevis (Coleoptera)
Trogoxylon prostomoides (Coleoptera)
- BANANA DEBRIS:**
Metamasius sericeus (Coleoptera)
- BEAN:**
Bruchus tristiculus (Coleoptera)
Callosobruchus maculatus (Coleoptera)
Xylomeira torquata (Coleoptera)
Zabrotes subfasciatus (Coleoptera)
- BETA VULGARIS:**
Drasterius livens (Coleoptera)
Frankliniella cephalica (Thysanoptera)
Lygus oblineatus (Hemiptera)
Nysius minutus (Hemiptera)
- BETA VULGARIS CICLA:**
Celerio lineata (Lepidoptera)
- BETULA:**
Leiopus nebulosus (Coleoptera)
- BOEHMERIA:**
Catorama tabaci (Coleoptera)
- BOUGAINVILLEA:**
Haplothrips gowdeyi (Thysanoptera)
- BRASSIA—See Orchidaceae**
- BRASSICA CHINENSIS:**
Franklinothrips vespiformis (Thysanoptera)
Hellula undalis (Lepidoptera)
Nysius strigosus (Hemiptera)
Pachybrachis hepaticus (Coleoptera)
- BRASSICA HIRTA:**
Hellula phidilealis (Lepidoptera)
Hellula undalis (Lepidoptera)
Hermetia illucens (Diptera)
Lygus oblineatus (Hemiptera)
- BRASSICA NAPOBRASSICA:**
Ceutorhynchus pleurostigma (Coleoptera)
- BRASSICA OLERACEA BOTRYTIS:**
Autographa brassicae (Lepidoptera)
Ceutorhynchus quadridens (Coleoptera)
Egergestis rimosalis (Lepidoptera)
Leptophobia aripa (Lepidoptera)
Lygus oblineatus (Hemiptera)
Nysius strigosus (Hemiptera)
- BRASSICA OLERACEA CAPITATA:**
Ceutorhynchus quadridens (Coleoptera)
Drasterius scutellatus (Coleoptera)
Egergestis rimosalis (Lepidoptera)
Lygus kalmii (Hemiptera)
Norvellina texana (Homoptera)
Pieris brassicae (Lepidoptera)
Thrips angusticeps (Thysanoptera)
- BRASSICA RAPA:**
Ceutorhynchus pleurostigma (Coleoptera)
Ceutorhynchus quadridens (Coleoptera)
Egergestis rimosalis (Lepidoptera)
Hellula undalis (Lepidoptera)
Lygus elisus (Hemiptera)
Lygus oblineatus (Hemiptera)
Nysius minutus (Hemiptera)
Nysius strigosus (Hemiptera)
Psila rosae (Diptera)
- BRASSICA SP. (mustard):**
Brochymena sulcata (Hemiptera)
Hellula phidilealis (Lepidoptera)
Hellula undalis (Lepidoptera)
Ligyrocorys nitidulus (Hemiptera)
Lygus elisus (Hemiptera)
Lygus oblineatus (Hemiptera)
Nabis alternatus (Hemiptera)
Nysius minutus (Hemiptera)
Nysius strigosus (Hemiptera)
Phyllotreta albionica (Coleoptera)
- BROWNEA:**
Dercynus micronyx (Coleoptera)
- CACTACEAE:**
Anuraphis helichrysi (Homoptera)
Aspidiotus covilleae (Homoptera)
Lepidosaphes philococcus (Homoptera)
Lerina incarnata (Lepidoptera)
Ligyrocorys aurivilliana (Hemiptera)
Puto yuccae (Homoptera)
- CAESALPINIA:**
Acanthoscelides creatiborus (Coleoptera)
Acanthoscelides dominicanus (Coleoptera)
Nasulitermes cornigera (Isoptera)
Stephanoderes buscki (Coleoptera)
- CAJANUS:**
Callosobruchus chinensis (Coleoptera)
Callosobruchus maculatus (Coleoptera)
- CALANTHE—See Orchidaceae**
- CALLUNA:**
Micrelus ericae (Coleoptera)
Taeniothrips ericae (Thysanoptera)
Thrips fuscipennis (Thysanoptera)
- CAMPESIS:**
Phenacoccus gossypii (Homoptera)
- CAPSICUM:**
Arvelius albopunctatus (Hemiptera)
Campptoprosopella media (Diptera)
Disonychia militaris (Coleoptera)
Eptochiomeria caeca (Hemiptera)
Faustinus cubae (Coleoptera)
Franklinothrips vespiformis (Thysanoptera)
Glyphonys propinquus (Coleoptera)
Gnorimoschema gudmannella (Lepidoptera)
Lorita abornana chatka (Lepidoptera)
Platynota stultana (Lepidoptera)
- CARICA:**
Aspidiotus destructor (Homoptera)
- CASSIA:**
Acanthoscelides alticola (Coleoptera)
Aganactesis indecora (Lepidoptera)
Phelomerus aberrans (Coleoptera)
- CASTANEA:**
Laspeyresia splendana (Lepidoptera)
- CATTLEYA—See Orchidaceae**
- CEPHALOCEREUS—See Cactaceae**
- CHRYSANTHEMUM:**
Adelphocoris rapidus (Hemiptera)
Boris aerea (Coleoptera)
Euphoria kerni (Coleoptera)
Lygus sallei (Hemiptera)
Nysius strigosus (Hemiptera)
Phenacoccus solani (Homoptera)
Rhopalosiphum rufomaculatum (Homoptera)
Scolopocerus uhleri (Hemiptera)
Zabrotes subfasciatus (Coleoptera)
- CICER:**
Callosobruchus chinensis (Coleoptera)
Callosobruchus maculatus (Coleoptera)
Lophocateres pusillus (Coleoptera)
- CINNAMOMUM:**
Protopulvinaria pyriformis (Homoptera)
- CITRUS AURANTIFOLIA:**
Anastrepha ludens (Diptera)
Lygaeus lateralis (Hemiptera)
- CITRUS AURANTIUM:**
Anastrepha ludens (Diptera)
- CITRUS GRANDIS:**
Aonidiella comperei (Homoptera)
- CITRUS PARADISI:**
Anastrepha ludens (Diptera)
Ceratit's capitata (?) (Diptera)
- CITRUS RETICULATA:**
Dialeurdes citri (Homoptera)
Parlatoria cinerea (Homoptera)
Parlatoria ziziphus (Homoptera)
- CITRUS SINENSIS:**
Aleurocanthus woglumi (Homoptera)
Anastrepha fraterculus (Diptera)
Anastrepha ludens (Diptera)
Ceratit's capitata (?) (Diptera)
Drasterius scutellatus (Coleoptera)
Leucaspis cockerelli (Homoptera)
Parlatoria cinerea (Homoptera)
Parlatoria ziziphus (Homoptera)
- CITRUS SP.:**
Aleurocanthus woglumi (Homoptera)
Aleurothrixus howardi (Homoptera)
Trialeurodes vitrinellus (Homoptera)
Vinsonia stellifera (Homoptera)
- COCOS:**
Aspidiotus excisus (Homoptera)
Asterolecanium palmarum (Homoptera)
Ereumetis flavistriata (Lepidoptera)
Phenacaspis sandwicensis (Homoptera)
Ripersia palmarum (Homoptera)

Hosts and insects—Continued

CODIAEUM:

Lepidosaphes tokionis (Homoptera)*Lichtensia lutea* (Homoptera)*Parlatoria crotonis* (Homoptera)

COFFEA:

Anastrepha fraterculus (?) (Diptera)*Stephanoderes hampei* (Coleoptera)

COLA:

Neodyrocetes hubbardi (Coleoptera)

COLEUS:

Asterolecanium pustulans (Homoptera)

CONVALLARIA:

Dorytomus luridus (Coleoptera)

CORDIA:

Physonota alutacea (Coleoptera)

CRATAEGUS:

Crociosema plebeiana (Lepidoptera)

CUCURBITA:

Euzesta notata (Diptera)

CYCLAMEN:

Cleipsis busckana (Lepidoptera)

CYDONIA:

Anastrepha ludens (Diptera)

CYMBIDIUM—See Orchidaceae

CYMBOPOGON:

Chilo loftini (Lepidoptera)

CYNOMETRA:

Dercynus micronyx (Coleoptera)

CYPRIPIEDUM—See Orchidaceae

CYTISUS:

Bruchidius villosus (Coleoptera)

DAHLIA:

Frankliniella insularis (Thysanoptera)

DAISY:

Euphoria kerni (Coleoptera)*Scolopocerus uhleri* (Hemiptera)*Zabrotes subfasciatus* (Coleoptera)

DASYLIRION:

Chrysomphalus smilacis (Homoptera)

DAUCUS:

Agromyza virens (Diptera)*Conotrachelus seniculus* (Coleoptera)*Listronotus oregonensis* (Coleoptera)*Phyllotreta vittula* (Coleoptera)*Psila rosae* (Diptera)

DELONIX:

Stephanoderes brasiliensis (Coleoptera)

DENDROBIUM—See Orchidaceae

DERRIS:

Tetraproctera longicornis (Coleoptera)

DIANTHUS:

Melanthrips fuscus (Thysanoptera)*Taeniothrips atratus* (Thysanoptera)*Taeniothrips dianthi* (Thysanoptera)

DIOSCOREA:

Cylas formicarius subsp. (?) (Coleoptera)*Palaeopus costicollis* (Coleoptera)*Targionia hartii* (Homoptera)*Tetramorium simillimum* (Hymenoptera)

ECHINOCEREUS—See Cactaceae

EPIDENDRUM—See Orchidaceae

EPIGAEA:

Aleuroplatus myricae (Homoptera)*Tetraleurodes ursorum* (Homoptera)

ERYTHRINA:

Tetraleurodes acaciae (Homoptera)

EUPHORBIA:

Lepidosaphes peninsularis (Homoptera)

FEROCACTUS—See Cactaceae

FRAXINUS:

Leperisinus fraxini (Coleoptera)

GARDENIA:

Aspidiotus palmae (Homoptera)*Chrysomphalus albopictus* (Homoptera)*Coccus viridis* (Homoptera)*Eucalymnatus tessellatus* (Homoptera)*Phenacoccus gossypii* (Homoptera)*Protopulvinaria pyrififormis* (Homoptera)*Pulvinaria psidii* (Homoptera)*Vinsonia stellifera* (Homoptera)

GLADIOLUS:

Frankliniella fusca (Thysanoptera)*Taeniothrips simplex* (Thysanoptera)

GOSSYPIUM:

Hypogeocoris imperialis (Hemiptera)*Pectinophora gossypiella* (Lepidoptera)

GUAJACUM:

Neoclytus cacicus (Coleoptera)

GUILFOYLIA:

Adistemia watsonia (Coleoptera)

HIBISCUS:

Asterolecanium pustulans (Homoptera)*Lophocateres pusillus* (Coleoptera)

HYMENAEA:

Aspidiotus herculeanus (Homoptera)

ILEX:

Phytomyza ilicis (Diptera)

IPOMOEAE:

Cylas formicarius elegantulus (Coleoptera)*Cylas formicarius*, perhaps subsp. *formicarius* (Coleoptera)*Dinoderus bifoveolatus* (Coleoptera)*Euscapes postfasciatus* (Coleoptera)*Palaeopus costicollis* (Coleoptera)

IRIS:

Frankliniella fusca (Thysanoptera)

JASMINUM:

Aonidiella inornata (Homoptera)*Dialeurodes kirkaldyi* (Homoptera)

JUGLANS:

Dorcus parallelopedus (Coleoptera)*Melanotus rufipes* (Coleoptera)*Rhyncolus lignarius* (Coleoptera)*Tetraleurodes mori* (Homoptera)*Xyleborus sazezeni* (Coleoptera)

KHAYA:

Silvanus unidentatus (Coleoptera)*Xyleborus confusus* (Coleoptera)*Xylion adustus* (Coleoptera)*Xylion securifer* (Coleoptera)*Xylopertha cunicularis* (Coleoptera)

LACTUCA:

Anacentrinus deplanatus (Coleoptera)*Atazia hubbardi* (Coleoptera)*Carnecephala nuda* (Hemiptera)*Carnecephala sagittifera* (Hemiptera)*Ceratocapsus apicalis* (Hemiptera)*Ceratocapsus punctulatus* (Hemiptera)*Chaetopsis fulvifrons* (Diptera)*Conoderus lividus* (Coleoptera)*Conoderus vespertinus* (Coleoptera)*Conotrachelus leucophaeatus* (Coleoptera)*Conotrachelus seniculus* (Coleoptera)*Draeculacephala lenticula* (Hemiptera)*Draeculacephala minerva* (Hemiptera)*Empoasca solana* (Hemiptera)*Epicauta nigratarsis* (Coleoptera)*Epilachna varivestis* (Coleoptera)*Epitrix hirtipennis* (Coleoptera)*Erynephala puncticollis* (Coleoptera)*Eumecosomyia nubila* (Diptera)*Feltia subterranea* (Lepidoptera)*Hellula undalis* (Lepidoptera)*Leucopocila albofasciata* (Hemiptera)*Ligyrocoris aurivilliana* (Hemiptera)*Lygus oblineatus* (Hemiptera)*Lygus sallei* (Hemiptera)*Macrosteles divinus* (Hemiptera)*Metriona emarginata* (Coleoptera)*Nabis alternatus* (Hemiptera)*Nabis capsiformis* (Hemiptera)*Nicentrus testaceus* (Coleoptera)*Nysius minutus* (Hemiptera)*Nysius strigosus* (Hemiptera)*Opsius stactogalus* (Homoptera)*Pachybrachis hepaticus* (Coleoptera)*Sizeonotus areolatus* (Hemiptera)

LAELIA—See Orchidaceae

LARIX:

Coleophora laricella (Lepidoptera)

LATHYRUS:

Bruchus tristiculus (Coleoptera)

LAURUS:

Aonidia lauri (Homoptera)

LEDUM:

Coleophora laricella (Lepidoptera)*LEMAIREOCEREUS*—See Cactaceae

LENS:

Bruchidius incarnatus (Coleoptera)*Callosobruchus maculatus* (Coleoptera)

LILIUM:

Clerada apicicornis (Hemiptera)*Forcipomyia taleighi* (Diptera)*Liothrips vaneeckei* (Thysanoptera)*Pnyxia scabiei* (Diptera)*Sitona lineatus* (Coleoptera)*Taeniothrips gracilis* (Thysanoptera)

Hosts and insects—Continued

LIPPIA:

Tetraleurodes mori (Homoptera)

LYCASTE—See Orchidaceae

LYCOPERSICON:

Aphodius granarius (Coleoptera)
Aujeus impressicollis (Hemiptera)
Callidum texanum (Coleoptera)
Callosobruchus maculatus (Coleoptera)
Chaetopsis fulvifrons (Diptera)
Chapuisia mexicana (Coleoptera)
Ciocirus dorsivittatus (Homoptera)
Conotrachelus seniculus (Coleoptera)
Cryphula parallogramma (Hemiptera)
Cyrtopeltis varians (Hemiptera)
Epitrix fasciata (Coleoptera)
Epitrix hirtipennis (Coleoptera)
Eytianus obscurinervis (Homoptera)
Frankliniella fortissima (Thysanoptera)
Franklinothrips respiformis (Thysanoptera)
Gnathotrichus denticulatus (Coleoptera)
Lasconotus arrowi (Coleoptera)
Leucinodes elegantalis (Lepidoptera)
Lineodes integra (Lepidoptera)
Lygaeus pulchellus (Hemiptera)
Monanthia monotropidia (Hemiptera)
Pachybrachius bilobatus (Hemiptera)
Pachybrachius serrillei (Hemiptera)
Platynota rostrana (Lepidoptera)
Platynota stultana (Lepidoptera)

MALUS:

Aspidiotus forbesi (Homoptera)

MAMMEA:

Anastrepha ludens (Diptera)
Anastrepha serpentina (Diptera)

MANDEVILLA:

Niveaspis tecta (Homoptera)

MANGIFERA:

Anastrepha ludens (Diptera)
Anastrepha mombinpraepotans (Diptera)
Aulacaspis mangiferae (Homoptera)
Ceratitis capitata (Diptera)
Chrysomphalus personatus (Homoptera)
Phenacaspis sandwicensis (Homoptera)
Pseudonidia trilobitiformis (Homoptera)
Sternonchus mangiferae (Coleoptera)

MANIHOT:

Lepidosaphes alba (Homoptera)

MEDICAGO:

Colias eurytheme (Lepidoptera)
Conotrachelus seniculus (Coleoptera)
Heliodes bella (Lepidoptera)
Nabis alternatus (Hemiptera)

MILTONIA—See Orchidaceae

MUSA PARADISIACA SAPIENTUM:

Adranethrips tibialis (Thysanoptera)
Aspidiotus destructor (Homoptera)
Aspidiotus palmarum (Homoptera)
Chrysomphalus albopictus (Homoptera)
Chrysomphalus scutiformis (Homoptera)
Chrysomphalus umboniferus (Homoptera)
Metamasius sericeus (Coleoptera)

MYRTILLOCACTUS—See Cactaceae

ODONTOGLOSSUM—See Orchidaceae

OENOTHERA:

Frankliniella stylosa (Thysanoptera)

OLEA:

Parlatoria oleae (Homoptera)

ONCIDIUM—See Orchidaceae

ORCHIDACEAE:

Aeolus pulchellus (Coleoptera)
Anaphothrips orchidaceus (Thysanoptera)
Anaphothrips orchidii (Thysanoptera)
Aspidiotus degeneratus (Homoptera)
Asterolecanium epidendri (Homoptera)
Calligrapha penatherina (Coleoptera)
Chrysomphalus nigropunctatus (Homoptera)
Chrysomphalus umboniferus (Homoptera)
Cryphula apicatus (Hemiptera)
Conchaspis angraeci (Homoptera)
Deloia guttata (Coleoptera)
Edessa cornuta (Hemiptera)
Eurycippia testitius (Hemiptera)
Eurytoma orchidearum (Hymenoptera)
Furcaspis bifurcata (Homoptera)
Galgapha punctifer (Hemiptera)
Heraeus eximius (Hemiptera)
Hercinotrips bicinctus (Thysanoptera)
Hoplodactrotrips zanthopoides (Thysanoptera)

ORCHIDACEAE—Continued.

Lepidosaphes tuberculata (Homoptera)
Leucaspis cockerelli (Homoptera)
Lygaeus circumlinitus (Hemiptera)
Mordellistena cattleyana (Coleoptera)
Myodocha longicollis (Hemiptera)
Nasutitermes cornigera (Isoptera)
Parlatoria pseudaspidiotus (Homoptera)
Pinnaspis temporaria (Homoptera)
Pseudoschnaspis alienus (Homoptera)
Pseudoparlatoria serrulata (Homoptera)
Puto mexicanus (Homoptera)
Tenthoris bicolor (Hemiptera)
Vinsonia stellifera (Homoptera)
Xenomymar panamanus (Hymenoptera)

ORYZA:

Acinaces lebasii (Coleoptera)
Chilo simplex (?) (Lepidoptera)

PACHYRHIZUS:

Xyleborus propinquus (Coleoptera)

PASTINACA:

Psila rosae (Diptera)

PELARGONIUM:

Phenacoccus gossypii (Homoptera)

PERSEA:

Anastrepha ludens (Diptera)
Chrysomphalus albopictus (Homoptera)
Conotrachelus aguacatae (Coleoptera)
Conotrachelus seniculus (Coleoptera)
Drasterius scutellatus (Coleoptera)
Euzestus sororcula (Diptera)

PETROSELINUM:

Conotrachelus seniculus (Coleoptera)
Geocoris uliginosus speculator (Hemiptera)

PHASEOLUS AUREUS:

Callosobruchus maculatus (Coleoptera)
Coryca cephalonica (Lepidoptera)

PHASEOLUS SP. (string bean):

Agromyza virens (Diptera)
Callosobruchus maculatus (Coleoptera)
Ceratomyza atrofasciata (Coleoptera)
Elasmopalpus lignosellus (Lepidoptera)
Empoasca solana (Hemiptera)
Epilachna varivestis (Coleoptera)
Epinotia opposita (Lepidoptera)
Evers comyntas (Lepidoptera)
Laspeyresia leguminis (Lepidoptera)
Leptocera fontinalis (Diptera)
Ligyrocorys aurilliana (Hemiptera)
Marcia testulalis (Lepidoptera)
Platynota stultana (Lepidoptera)
Zabrotes subfasciatus (Coleoptera)

PHORADENDRON:

Pseudodiaspis multipora (Homoptera)

PHYSALIS:

Dactyloctenium abdominale (Coleoptera)
Eumecosomyia nubila (Diptera)
Heliothis subflexa (Lepidoptera)
Ligyrocorys aurilliana (Hemiptera)
Odonotozorus longicornis (Diptera)
Zabrotes subfasciatus (Coleoptera)

PIMENTA:

Asterolecanium pustulans (Homoptera)

PINUS:

Deltoccephalus comesus (Homoptera)
Phenacaspis pinifoliae (Homoptera)
Pityophthorus cribratus (Coleoptera)

PIPER:

Ceroplastes cirripediformis (Homoptera)

PISUM:

Bruchus pisi (Coleoptera)
Callosobruchus chinensis (Coleoptera)
Callosobruchus maculatus (Coleoptera)
Chalarus spurius (Diptera)
Evers comyntas (Lepidoptera)

PITHECELLOBIUM:

Acanthoscelides flexicaulis (Coleoptera)
Caryobruchus gleditsiae (Coleoptera)

PLUMERIA:

Aspidiotus corvillae (Homoptera)

PORTULACA:

Geocoris sonoraensis (Hemiptera)
Heliodes bella (Lepidoptera)
Lygus elisus (Hemiptera)
Nysius strigosus (Hemiptera)
Pachybrachis hepaticus (Coleoptera)
Phyllethrus subulcatus (Coleoptera)

Hosts and insects—Continued

PROSOPIS:

- Acanthoscelides ceratioborus* (Coleoptera)
- Cyllene antennatus* (Coleoptera)
- Dendrobiella aspera* (Coleoptera)
- Placosternus difficilis* (Coleoptera)

PRUNUS:

- Phaenicia sericata* (Diptera)
- Taeniothrips inconsequens* (Thysanoptera)

PSIDIUM:

- Tetraleurodes mori* (Homoptera)

PUNICA:

- Anastrepha ludens* (Diptera)

QUERCUS:

- Conotrachelus integer* (Coleoptera)
- Curculio q-griseae* (Coleoptera)
- Dorcus parallelopedus* (Coleoptera)
- Dryocoetes rillosus* (Coleoptera)
- Melanotus rufipes* (Coleoptera)
- Pyrrhidium sanguineum* (Coleoptera)
- Silvanus unidentatus* (Coleoptera)
- Sinodendron cylindricum* (Coleoptera)

RAPHANUS:

- Ceratocapsus punctulatus* (Hemiptera)
- Hellula undalis* (Lepidoptera)
- Leptocera fontinalis* (Diptera)
- Nabis alternatus* (Hemiptera)
- Nysius ericae* (Hemiptera)
- Nysius minutus* (Hemiptera)
- Nysius strigosus* (Hemiptera)
- Phyllotreta pusilla* (Coleoptera)

RHODODENDRON:

- Barypeithes pellucidus* (Coleoptera)
- Dialeurodes chittendeni* (Homoptera)

RORIPPA:

- Evergestis rimosalis* (Lepidoptera)
- Merragata hebroides* (Hemiptera)
- Nysius minutus* (Hemiptera)

ROSA:

- Acanthoscelides sallaei* (Coleoptera)
- Euphoria kerni* (Coleoptera)
- Frankliniella insularis* (Thysanoptera)
- Parlatoria oleae* (Homoptera)
- Pseudischinaspis alienus* (Homoptera)

RUBUS:

- Macrosiphum rubellum* (Homoptera)

SACCHARUM:

- Odonaspis saccharicaulis* (Homoptera)
- Pseudococcus boninensis* (Homoptera)
- Zabrotes subfasciatus* (Coleoptera)

SALVIA:

- Puto mexicanus* (Homoptera)

SAMANEA:

- Caryedon fuscus* (Coleoptera)

SAMBUCUS:

- Micrapate labialis* (Coleoptera)

SAPINDUS:

- Amphicerus cornutus* (Coleoptera)

SAPOTE:

- Anastrepha ludens* (Diptera)
- Aspidiotus spinosus* (Homoptera)

SCHOMBURGKIA—See Orchidaceae

SCIRPUS:

- Chaetopsis fulvifrons* (Diptera)
- Eumecosomyia nubila* (Diptera)

SECHIUM:

- Aspidiotus destructor* (Homoptera)
- Hypsionotus fulvus venosus* (Hemiptera)

AIRPLANE:

- Conoderus exsul* (Coleoptera)
- Drasterius scutellatus* (Coleoptera)
- Heraeus illitus* (Hemiptera)

FLOWERS:

- Ligyrocoris nitidicollis* (Hemiptera)
- Nysius strigosus* (Hemiptera)
- Opsius stactogalus* (Homoptera)

GRASS SEED:

- Coreyra cephalonica* (Lepidoptera)
- Paromius gracilis* (Hemiptera)

HERB:

- Amphicerus cornutus* (Coleoptera)
- Pintalia dorsivittata* (Homoptera)
- Renocis mexicanus* (Coleoptera)
- Tetraleurodes mori* (Homoptera)

LOG:

- Bitoma socialis* (Coleoptera)
- Brentus mexicanus* (Coleoptera)
- Colydodes gibbiceps* (Coleoptera)

SERJANIA:

- Dinoderus bifoveolatus* (Coleoptera)

SESBANIA:

- Acanthoscelides griseolus* (Coleoptera)

SOIL:

- Athous subfuscus* (Coleoptera)
- Brachyrhinus arcticus* (Coleoptera)
- Hymnoidus riparius* (Coleoptera)
- Melanotus rufipes* (Coleoptera)

SOLANUM MELONGENA:

- Amphicerus cornutus* (Coleoptera)
- Lineodes integra* (Lepidoptera)

SOLANUM TUBEROSUM:

- Colobicus parilis* (Coleoptera)
- Dactylosternum abdominale* (Coleoptera)
- Epicaerus cognatus* (Coleoptera)
- Epicauta tenella* (Coleoptera)

SORBUS:

- Lecanium corni* (Homoptera)

SORGHUM VULGARE:

- Celama sorghiella* (Lepidoptera)
- Conotrachelus seniculus* (Coleoptera)

SPINACIA:

- Geocoris lividipennis* (Hemiptera)
- Lygus oblineatus* (Hemiptera)

STANTHOPEA—See Orchidaceae

SWIETENIA:

- Bitoma brevipes* (Coleoptera)
- Bothrideres setiger* (Coleoptera)
- Leptipsius striatus* (Coleoptera)
- Platypus rugulosus* (Coleoptera)
- Xyleborus confusus* (Coleoptera)
- Xyleborus propinquus* (Coleoptera)
- Xyleborus torquatus* (Coleoptera)

TAGETES:

- Lygus sallei* (Hemiptera)

TRITICUM:

- Marara wallacei* (Orthoptera)

TSUGA:

- Lecanium fletcheri* (Homoptera)

ULMUS:

- Clytus arietis* (Coleoptera)
- Pteleobius vestitus* (Coleoptera)
- Pteleobius rittatus* (Coleoptera)

VANDA—See Orchidaceae

VANILLA—See Orchidaceae

VICIA:

- Bruchidius incarnatus* (Coleoptera)
- Bruchus dentipes* (Coleoptera)
- Bruchus ulicis* (Coleoptera)

VIGNA:

- Callosobruchus analis* (Coleoptera)

ZEA:

- Catorama tabaci* (Coleoptera)
- Diatraea grandiosella* (Lepidoptera)
- Diatraea saccharalis* (Lepidoptera)
- Eumecosomyia nubila* (Diptera)
- Euxesta stigmatias* (Diptera)
- Heliodines bella* (Lepidoptera)
- Leptipsius striatus* (Coleoptera)
- Moodna bisinuella* (Lepidoptera)
- Zabrotes subfasciatus* (Coleoptera)

ZINGIBER:

- Targionia sacchari* (Homoptera)

ZYGOPETALUM—See Orchidaceae

Hosts unknown

LOG—Continued

- Cossonus canaliculatus* (Coleoptera)
- Lygaeus rittiscutis* (Hemiptera)
- Nasutitermes cornigera* (Isoptera)
- Placosternus difficilis* (Coleoptera)
- Platypus rugulosus* (Coleoptera)
- Scolytus dimidiatus* (Coleoptera)
- Tetrapiroera longicornis* (Coleoptera)
- Xyleborus confusus* (Coleoptera)
- Xyleborus fuscatus* (Coleoptera)
- Xyleborus propinquus* (Coleoptera)
- Xyleborus torquatus* (Coleoptera)

MANGANESE:

- Amphicerus cornutus* (Coleoptera)

PACKING:

- Forficula auricularia* (Orthoptera)
- Salax lacordairei* (Coleoptera)

PALM:

- Aspidiotus destructor* (Homoptera)
- Parlatoria blanchardi* (Homoptera)

Hosts unknown—Continued

PAPER WRAPPER AROUND GRAPEFRUIT:

Ceratitis capitata (Diptera)

PLANT:

Parlatoria cinerea (Homoptera)*Tetraleurodes fici* (Homoptera)

REFRIGERATOR CAR:

Anastrepha ludens (Diptera)

SEED:

Leptostylus gibbulosus (Coleoptera)

VEGETABLES:

Epicaula virgulata (Coleoptera)

WOOD:

Amphicerus cornutus (Coleoptera)*Dinoderus bifoveolatus* (Coleoptera)*Heterobostrychus aequalis* (Coleoptera)*Ips integer* (Coleoptera)*Nicobium castaneum* (Coleoptera)*Pityophthorus mexicanus* (Coleoptera)*Sinoxylon anale* (Coleoptera)*Trogosylon prostomoides* (Coleoptera)*Zabrotes subfasciatus* (Coleoptera)

Country of origin and insects

ALGERIA:

*Ceutorhynchus quadridens**Psila rosae*

AMERICAN VIRGIN ISLANDS:

Anastrepha mombinpraeoptans

ARABIA:

*Bruchus dentipes**Callosobruchus analis**Parlatoria blanchardi*

ARGENTINA:

Salaz lacordairei

AUSTRALIA:

*Adistemia watsonia**Cylas formicarius* subsp. (?)*Marava wallacei*

BAHAMAS:

Frankliniella insularis

BARBADOS:

Euscepes postfasciatus

BELGIAN CONGO:

Pseudaonidia trilobitiformis

BERMUDA:

*Clerada apicicornis**Phenacoccus gossypii**Sitona lineatus**Taeniothrips gracilis*

BRAZIL:

*Acinaces lebasii**Anastrepha fraterculus**Cyllene congener**Euscepes postfasciatus**Lophocateres pusillus**Parlatoria cinerea**Pseudaonidia trilobitiformis**Tenthecoris bicolor**Vinsonia stellifera**Zabrotes subfasciatus*

BRITISH COLUMBIA:

*Clepsis busckana**Liothrips vaneckei*

BRITISH GUIANA:

*Furcaspis biformis**Parlatoria ziziphus*

BRITISH HONDURAS:

Aspidiotus destructor

CANADA:

*Aleuroplatus myricae**Coleophora loricella**Dorytomus luridus**Frankliniella fusca**Frankliniella stylosa**Kakimia aquilegiae**Lecanium fletcheri**Liothrips vaneckei**Phaenicia sericata**Phenacaspis pinifoliae**Phytomyza ilicis**Taeniothrips inconsequens**Taeniothrips simplex**Tetraleurodes ursorum**Zabrotes subfasciatus*

CANAL ZONE:

*Acanthoscelides alticola**Asterolecanium epidendri**Chrysomphalus umboniferus**Coccus viridis**Conchaspis angraei**Drasterius scutellatus**Furcaspis biformis**Heraeus illius**Leucaspis cockerelli**Parlatoria pseudaspidiotus**Phelomerus aberrans**Vinsonia stellifera*

CHINA:

*Dinoderus brevis**Parlatoria ziziphus*

COLOMBIA:

*Acanthoscelides dominicanus**Coccus viridis**Eucalymnatus tessellatus**Furcaspis biformis**Hoplandrothrips zanthopoides**Leucaspis cockerelli*

COSTA RICA:

*Aspidiotus destructor**Aspidiotus palmae**Asterolecanium epidendri**Chrysomphalus umboniferus**Coccus viridis**Metamasius sericeus**Pseudischinaspis alienus**Pulvinaria psidii*

CUBA:

*Adranethrips tibialis**Aleurocanthus woglumi**Anastrepha ludens**Aspidiotus destructor**Aspidiotus spinosus**Asterolecanium pustulans**Coccus viridis**Cylas formicarius elegantulus**Euscepes postfasciatus**Maruca testulalis**Palaeopus costicollis**Pectinophora gossypiella**Pseudischinaspis bowreyi**Ribua innozia**Targionia bromeliae**Targionia hartii*

CYPRUS:

Aonidia lauri

DOMINICAN REPUBLIC:

*Acanthoscelides dominicanus**Coccus viridis**Corcyr a cephalonica**Frankliniella insularis**Parlatoria cinerea*

DUTCH WEST INDIES:

Corcyr a cephalonica

ECUADOR:

*Metamasius sericeus**Tetrapirocer a turgicornis*

EGYPT:

*Bruchidius incarnatus**Callosobruchus maculatus**Pectinophora gossypiella*

ENGLAND:

*Anaphothrips orchidaceus**Anaphothrips orchidii**Athous subfuscus**Barypeithes pellucidus**Bruchidius villosus**Ceutorhynchus pleurostigma**Ceutorhynchus quadridens**Clytus arietis**Dialeurodes chittendeni**Dorcus parallelopedus**Dryocoetes villosus**Hercinothrips bicinctus**Lecanium corni**Leiopus nebulosus**Leperisimus frazzini**Lepidosaphes tuberculata**Liothrips vaneckei**Lygus kalmii**Macrosiphum rubiellum**Melanotus rufipes*

Country of origin and insects—Continued

ENGLAND—Continued.

Phyllotreta vittula
Pieris brassicae
Psila rosae
Pteleobius vestitus
Pteleobius vittatus
Pyrrhodium sanguineum
Rhyncolus lignarius
Silvanus unidentatus
Sinodendron cylindricum
Thrips fuscipennis
Xyleborus saxeseni

FRENCH WEST AFRICA:

Callosobruchus maculatus

GOLD COAST:

Silvanus unidentatus
Xyleborus confusus
Xylion adustus
Xylion securifer
Xylopertha crinitarsis

GUATEMALA:

Anastrepha ludens
Anastrepha serpentina
Aspidiotus destructor
Colligrapha pantherina
Chrysomphalus albopictus
Chrysomphalus umboniferus
Pseudischnospis alienus

HAITI:

Anastrepha mombinpraeoptans
Neodryocotes hubbardi

HAWAII:

Aonidiella inornata
Asterolecanium pustulans
Caryedon fuscus
Ceratitis capitata
Dialeurodes kirkaldyi
Ereunetis flavistriata
Furcaspis biformis
Haplathrips gordeni
Lepidosaphes tokonis
Parlatoria crotonis
Phenacaspis sandwicensis
Pinnaspis temporaria
Rhipersia palmarum
Sternonchus mangiferae

HONDURAS:

Aspidiotus destructor
Aspidiotus palmarum
Chrysomphalus scutiformis
Coccus viridis
Cylas formicarius elegantulus
Pseudischnospis alienus

ICELAND:

Brachyrhinus arcticus
Hypnoidus riparius

INDIA:

Callosobruchus chinensis
Cylas formicarius, perhaps subsp. *formicarius*
Dinoderus bifoveolatus
Heterobostrychus aequalis
Sinoxylon anale
Targionia sacchari

IRAQ:

Bruchus dentipes

IRELAND:

Taeniothrips ericae

ITALY:

Bruchus ulicis

JAMAICA:

Anastrepha mombinpraeoptans
Asterolecanium palmarum
Callosobruchus maculatus
Cylas formicarius elegantulus
Neoclytus caccius
Palaeopus costicollis

JAPAN:

Bruchus pisi
Cartodere ruficollis

MEXICO:

Acanthoscelides dominicanus
Acanthoscelides flexicollis
Acanthoscelides griseolus
Acanthoscelides sallaci
Acanthoscelides mender
Adelphocoris rapidus
Aeolus pulchellus
Agromyza viridis

MEXICO—Continued.

Aleurocanthus uugumi
Alpheias conspurata
Amphicerus cornutus
Anacetrinus deplanatus
Anastrepha ludens
Anastrepha serpentina
Anuraphis helichrysi
Aphodius granarius
Arnelius albopunctatus
Aspidiotus corilleae
Aspidiotus degeneratus
Aspidiotus jorbesi
Asterolecanium bambusae
Ataxia hubbardi
Auzetus impressicollis
Autographa brassicae
Baris aerea
Bitoma brevis
Bitoma socialis
Plissus pulchellus
Pothirideres setiger
Prentus mexicanus
Prochymena sulcata
Callidium teranum
Callosobruchus maculatus
Campoprotoposella media
Carneocephala nuda
Carneocephala sagittifera
Caryobruchus gleditsiae
Catolethrus longulus
Catorama tabaci
Celama sorghella
Celerio lineata
Ceratocapsus apicalis
Ceratocapsus punctulatus
Ceroplastes cirripediformis
Ceroloma atrofasciata
Chaetopsis fulvifrons
Chalarus spurius
Chapuisia mexicana
Chilo loftini
Chrysomphalus albopictus
Chrysomphalus nigropunctatus
Chrysomphalus smilacis
Cicocius dorsovittatus
Cotias eurythema
Colydodes gibbiceps
Conoderus lividus
Conoderus vespertinus
Conotrachelus aquacatae
Conotrachelus integer
Conotrachelus leucophaeatus
Conotrachelus seniculus
Cossonus canaliculatus
Crocidosoma plebeiana
Cryphula apicatus
Cryphula paralogramma
Curculio q-griseae
Cylas formicarius elegantulus
Cyllene antennatus
Cyphosterna bicolor
Cryptopeltis varians
Dactylosternum abdominale
Deloloma guttata var.
Deltocephalus comesus
Dendrobiella aspera
Diatraea grandiosella
Diatraea saccharalis
Dinoderus bifoveolatus
Disonychia militaris
Draeculacephala lenticula
Draeculacephala minerva
Drasterius livens
Drasterius scutellatus
Edessa cornuta
Elasmopalpus lignosellus
Empoasca solana
Epicaerus cognatus
Epicauta callosa
Epicauta nigritarsis
Epicauta tenella
Epicauta virgulata
Epilachna varivestis
Epiprotia opposita
Epitrix fasciata
Epitrix hirtipennis
Erynephala puncticollis

Country of origin and insects—Continued

MEXICO—Continued.

Eucalymnatus tessellatus
Eumecosomyia nubila
Euphoria kerni
Euphoria nitens
Euryptilia vestitus
Euzesta notata
Euzesta sororcula
Euzesta stigmatias
Evers comyntas
Evergestis rimosalis
Eritianus obscurinervis
Erptochiomera caeca
Feltia subterranea
Forcipomyia raleighi
Frankliniella cephalica
Frankliniella fortissima
Frankliniella fusca
Frankliniella vespiformis
Furcaspis biformis
Galgapha punctifer
Geocoris lividipennis
Geocoris sonoraensis
Geocoris uliginosus speculator
Glyphonyx propinquus
Gnathotrichus denticulatus
Gnorimoschema gudmannella
Heliodines bella
Heliothis subflexa
Hellula phidilealis
Hellula undalis
Heraeus eximius
Hermetia illucens
Hypogeocoris imperialis
Hypselonotus fulvus venosus
Ips integer
Ischnodemus umbratus
Lasconotus arrowi
Laspeyresia leguminis
Lepidosaphes peninsularis
Lepidosaphes philococcus
Leptipsius striatus
Leptocera fontinalis
Leptophobia aripa
Lerina incarnata
Leucinodes elegantalis
Leucopocila albobasiata
Lichtensia lutea
Ligyrocoris aurivilliana
Ligyrocoris litigiosus
Ligyrocoris nitidicollis
Ligyrocoris nitidulus
Lineodes integra
Lissonotus oregonensis
Lophocateres pusillus
Lorita abornana chatka
Lygaeus circumlinitus
Lygaeus lateralis
Lygaeus pulchellus
Lygaeus vittiscutis
Lygus elisus
Lygus oblineatus
Lygus sallei
Macrosteles divinus
Maruca testulalis
Merragata hebroides
Metamasius callizona
Metriona emarginata
Micrapate labialis
Monanthia monotropidia
Moodna bisinuella
Mordellistena cattleyana
Myodocha longicollis
Nabis alternatus
Nabis capsiformis
Nasutitermes cornigera
Neoclytus cacticus
Necetrus testaceus
Niveaspis tecta
Norrellina texana
Nysius ericae
Nysius minutus
Nysius strigosus
Odontoloxozus longicornis
Olibrus submaculatus
Opsius stactogalus
Pachybrachis hepaticus
Pachybrachius bilobatus

MEXICO—Continued.

Pachybrachius servillei
Parlatoria cinerea
Parysalis nigrilarsis
Pectinophora gossypiella
Phenacoccus gossypii
Phenacoccus solani
Phyllethrus subsulcatus
Phyllotreta albionica
Phyllotreta pusilla
Physonota alutacea
Pintalia dorsivittata
Pityophthorus cribratus
Pityophthorus mexicanus
Placosternus difficilis
Platynota rostrana
Platynota stultana
Platypus rugulosus
Pnyxia scabiei
Pseudischinaspis alienus
Pseudococcus boninsis
Pseudodiaspis multipora
Pseudoparlatoria serrulata
Pulvinaria psidii
Puto mexicanus
Puto yuccae
Renocis mexicanus
Rhopalosiphum rufomaculatum
Scolopocerus uhleri
Scolytus dimidiatus
Sisamnes contractus
Sisonotus areolatus
Tenthoris bicolor
Tetraleurodes acaciae
Tetraleurodes mori
Tetrapriocera longicornis
Trialeurodes vitrinellus
Trogoxylon prostomoides
Xyleborus confusus
Xyleborus fuscatus
Xyleborus propinquus
Xyleborus torquatus
Xylomeira torquata
Zabrotes subfasciatus

MOROCCO:

Psila rosae
Thrips angusticeps

MOZAMBIQUE:

Ceratitidis capitata (?)
Odonaspis saccharicaulis

NEW CALEDONIA:

Nicobium castaneum

NEW ZEALAND:

Colobius parilis
Psila rosae

NICARAGUA:

Leptostylus gibbulosus
Nasutitermes cornigera
Tetraleurodes fici
Xyleborus propinquus

PALESTINE:

Parlatoria oleae

PANAMA:

Aspidiotus destructor
Aspidiotus palmiae
Coccus viridis
Dialeurodes citri
Eucalymnatus tessellatus
Furcaspis biformis
Metamasius sericeus

PERU:

Acanthoscelides ceratiboruss
Dinoderus bifoveolatus
Euscepes postfasciatus
Lepidosaphes alba

PHILIPPINES:

Callosobruchus maculatus

PORTUGAL:

Bruchus tristictus
Forficula auricularia
Laspeyresia splendana
Lixus mucronatus
Melanthrips fuscus
Taeniothrips dianthi

PUERTO RICO:

Aleurothrixus howardi
Anastrepha mombinpraeoptans
Callosobruchus chinensis

Country of origin and insects—Continued

PUERTO RICO—Continued.

Coccus viridis
Cylas formicarius elegantulus
Euscepes postfasciatus
Pectinophora gossypiella
Pulvinaria psidii
Vinsonia stellifera

QUEENSLAND:

Orycaerus luctuosus

ST. LUCIA:

Tetramorium millimum

ST. VINCENT:

Furcaspis biformis

SALVADOR:

Acanthoscelides dominicanus

SCOTLAND:

Brachyrhinus arcticus
Hypnoides riparius
Micrelus ericae
Taeniothrips ericae

SPAIN:

Parlatoria oleae

TANGANYIKA:

Stephanoderes hampei

THAILAND:

Aonidiella comperei

TRINIDAD:

Aganactesis indecora
Aspidiotus excisus
Aspidiotus herculeanus
Aulacaspis mangiferae
Chrysomphalus personatus
Dercynus micronyx
Euscepes postfasciatus

TRINIDAD—Continued.

Faustinus cubae
Furcaspis biformis
Palaeopus costicollis
Pectinophora gossypiella
Protopulvinaria pyriformis
Stephanoderes brasiliensis
Stephanoderes buscki

UNION OF SOUTH AFRICA:

Callosobruchus chinensis
Ceratitis capitata
Paromius gracilis
Zabrotes subfasciatus

UNKNOWN:

Asterolecanium epidendri
Chilo simplex (?)
Conoderus exsul
Furcaspis biformis
Nasutitermes cornigera
Taeniothrips atratus
Xenomyrmex panamanus

URUGUAY:

Acanthoscelides spinipes

VENEZUELA:

Aspidiotus palmae
Coccus viridis
Eurytoma orchidearum
Furcaspis biformis
Protopulvinaria pyriformis
Tentecoris bicolor
Zabrotes subfasciatus

VIRGIN ISLANDS:

Pectinophora gossypiella

List of pests collected and reported from July 1, 1942, to June 30, 1943, inclusive

[All findings marked with an asterisk indicate State inspection]

Disease and host	Country of origin	Number of inter-ceptions in—			Collected in—
		Con- sump- tion	Non- entry	Prop- aga- tion	
<i>Acrothecium lunatum</i> Wakk.: <i>Cucumis sativus</i> (cucumber).....	Cuba.....		1		Md.
<i>Alternaria citri</i> Ell. & Pierce: <i>Citrus paradisi</i> (grapefruit).....	Argentina.....		1		N. Y.
<i>Aphelenchus avenae</i> Bastian: <i>Solanum tuberosum</i> (potato).....	Portugal.....		1		Pa.
<i>Ascochyta chrysanthemi</i> F. L. Stevens: <i>Chrysanthemum</i> sp.....	Mexico.....	1			Tex.
<i>Ascochyta citri</i> Penz. (?) <i>Citrus limon</i> (lemon).....	Argentina.....		1		N. Y.
<i>Bacterium citri</i> (Hasse) Doidge: <i>Citrus grandis</i> (pomelo).....	Thailand.....	1			N. Y.
<i>Botrytis allii</i> Munn: <i>Allium cepa</i> (onion).....	Mexico, New Zealand.....	1	1		Calif.*, Tex.
<i>Botrytis narcissicola</i> Kleb.: <i>Narcissus</i> sp.....	England, Ireland.....			4	N. J.
<i>Ceratostomella ips</i> Rumbold: <i>Pinus</i> sp. (pine).....	England.....			1	N. J.
<i>Cercospora althaeina</i> Sacc.: <i>Gossypium</i> sp. (cotton).....	Mexico.....	1			Tex.
<i>Cercospora angrei</i> Roum.: <i>Odontodia</i> sp. (orchid).....	England.....			1	N. J.
<i>Odontoglossum</i> sp. (orchid).....	do.....			1	N. J.
<i>Cercospora atricincta</i> Heald & Wolf: <i>Zinnia</i> sp.....	Mexico.....	1			Tex.
<i>Cercospora celosiae</i> Syd. (?) <i>Celosia</i> sp. (?) (cockscorn).....	do.....	1			Tex.
<i>Cercospora coleroides</i> Sacc.: <i>Castimiroa edulis</i> (white sapote).....	do.....	1			N. Y.
<i>Cercospora musae</i> Zimm.: <i>Musa paradisiaca sapientum</i> (banana).....	Honduras, Jamaica, Mexico, Puerto Rico, Venezuela.....	19	5	1	Md., Mass. N. J., N. Y., Tex.
<i>Cercospora nicotianae</i> Ell. & Ev.: <i>Nicotiana tabacum</i> (tobacco).....	Mozambique.....	1			N. Y.
<i>Cercospora personata</i> (Berk. & Curt.) Ell. & Ev.: <i>Arachis hypogaea</i> (peanut).....	Mexico.....	1			N. Y.
<i>Cercospora sechiae</i> Stevenson: <i>Sechium edule</i> (chayote).....	Cuba.....	1			Fla.*

List of pests collected and reported from July 1, 1942, to June 30, 1943, inclusive—Con.

Disease and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Non-entry	Propagation	
<i>Cercospora vaginæ</i> Krueger: <i>Saccharum officinarum</i> (sugarcane)	Mexico		1		Tex.
<i>Cerebella andropogonis</i> Ces.: <i>Paspalum dilatatum</i> (dallis grass)	Australia	2		1	N. Y.
<i>Chaetomium elatum</i> Kze. & Schm.: <i>Avena sativa</i> (oat)	Canada	1			Pa.
<i>Cladosporium carpophilum</i> Thuem.: <i>Prunus persica</i> (peach)	Mexico	1			Tex.
<i>Claviceps paspali</i> F. L. Stevens & J. G. Hall: <i>Paspalum dilatatum</i> (dallis grass)	Australia			1	N. Y.
<i>Paspalum</i> sp.	Australia, Cuba	1		1	N. Y.
<i>Claviceps purpurea</i> (Fr.) Tul.: <i>Bromus</i> sp. (brome grass)	Canada			1	Mass.
<i>Lolium</i> sp.	Uruguay			1	N. J.
<i>Colletotrichum graminicolum</i> (Ces.) G. W. Wils: <i>Triticum aestivum</i> (wheat)	Australia	1			Oreg.
<i>Colletotrichum lagenarium</i> (Pass.) Ell. & Halst.: <i>Sechium edule</i> (chayote)	Mexico		1		Tex.
<i>Colletotrichum lineola</i> Cda.: <i>Sorghum halepense</i> (Johnson grass)	do		1		Tex.
<i>Sorghum vulgare</i> (sorghum)	do		1		Tex.
<i>Colletotrichum macrosporum</i> Sacc.: <i>Miltonia verilliana</i> (orchid)	Colombia			1	P. R.
<i>Stanhopea</i> sp. (orchid)	Costa Rica			1	N. J.
<i>Colletotrichum pisi</i> Pat.: <i>Lathyrus odoratus</i> (sweet pea)	Mexico	1			Tex.
<i>Pisum sativum</i> (pea)	do	1			Tex.
<i>Colletotrichum vanillae</i> Scalia: <i>Cattleya</i> sp (orchid)	Colombia			1	P. R.
<i>Cytospora palmarum</i> Cke.: <i>Cocos nucifera</i> (coconut)	Trinidad	1			Mass.
<i>Daldinia gollani</i> P. Henn.: <i>Caesalpinia</i> sp.	Nicaragua	1			Calif.*
<i>Dematium pullulans</i> DBy.: <i>Cattleya</i> sp. (orchid)	Venezuela			1	N. J.
<i>Oncidium</i> sp. (?) (orchid)	Salvador			1	N. J.
<i>Diaporthe binoculata</i> (Ell.) Sacc.: <i>Magnolia watsoni</i> (Watson magnolia)	England			1	N. J.
<i>Diplodia henriquesiana</i> Trav. & Spessa: <i>Stanhopea</i> sp. (orchid)	Venezuela			1	N. J.
<i>Diplodia paraphysoria</i> Sacc.: <i>Botemannia</i> sp. (orchid)	Colombia			1	P. R.
<i>Cattleya</i> sp. (orchid)	do			1	P. R.
<i>Diplodia rosarum</i> Fr.: <i>Rosa</i> sp.	Spain			1	N. J.
<i>Diplodia theobromae</i> (Pat.) (Nowell: <i>Saccharum officinarum</i> (sugarcane)	New Hebrides			1	Calif.*
<i>Ditylenchus dipsaci</i> (Kuhn) Filipjev: <i>Narcissus bulbocodium conspicuus</i>	England			1	N. J.
<i>Narcissus</i> sp.	England, Ireland			5	N. J.
<i>Elsinoe australis</i> Bitanc. & Jenkins: <i>Citrus limon</i> (lemon)	Argentina, Uruguay		3		N. Y., Pa.
<i>Citrus sinensis</i> (orange)	Brazil	1	6		Fla.* Md., N. Y., Pa.
<i>Fabraea maculata</i> (Lev.) Atk.: <i>Cydonia oblonga</i> (quince)	Mexico	1			Tex.
<i>Fusarium heterosporum</i> Nees: <i>Paspalum dilatatum</i> (dallis grass)	Australia			1	N. Y.
<i>Paspalum</i> sp.	Australia, Cuba	1		2	N. Y.
<i>Fusicladium eriobotryae</i> Cav.: <i>Eriobotrya japonica</i> (loquat)	Portugal		1		Pa.
<i>Gloeosporium cattleyae</i> Sacc. & D. Sacc.: <i>Cattleya</i> sp. (orchid)	Venezuela			1	P. R.
<i>Gloeosporium epidendri</i> P. Henn.: <i>Epidendrum secundum</i> (orchid)	Trinidad			1	P. R.
<i>Gloeosporium fructigenum</i> Berk.: <i>Malus pumila</i> (apple)	Portugal		1		Pa.
<i>Gloeosporium leguminum</i> (Cke.) Sacc.: <i>Prosopis</i> sp. (mesquite)	Mexico			9	Tex.
<i>Gloeosporium mangiferae</i> P. Henn.: <i>Mangifera indica</i> (mango)	Dominican Republic	1			P. R.
<i>Gloeosporium oncidii</i> Oud.: <i>Oncidium papilio</i> (orchid)	Trinidad			1	P. R.
<i>Helminthosporium oryzae</i> de Haan: <i>Oryza sativa</i> (rice)	Salvador	1			Tex.

List of pests collected and reported from July 1, 1942, to June 30, 1943, inclusive—Con.

Disease and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Non-entry	Propagation	
<i>Hendersonia oryzae</i> Miy. (?):					
<i>Oryza sativa</i>	China.....	1			Calif.*
<i>Heterosporium allii-cepae</i> Ranoj.: <i>Allium porrum</i> (leek).....	Japan.....	1			Wash.
<i>Heterosporium avenae</i> Oud.: <i>Avena sativa</i> (oat).....	Australia, New Zealand.....	2			Oreg., Wash.
<i>Heterosporium avenae</i> Oud (?): <i>Avena sativa</i>	Australia, Canada.....	2			Wash.
<i>Triticum aestivum</i> (wheat).....	Australia.....	1			Wash.
<i>Heterosporium echinulatum</i> (Berk.) Cke.: <i>Dianthus</i> sp. (carnation).....	Guatemala, Honduras, Mexico.....	5	1		Tex.
<i>Heterosporium variabile</i> Cke.: <i>Spinacia oleracea</i> (spinach).....	Mexico.....	3			Ariz.
<i>Heterosporium variabile</i> Cke. (?): <i>Dianthus</i> "peristeri".....	Canada.....			1	N. J.
<i>Hormodendron cladosporioides</i> (Fres.) Sacc.: <i>Capsicum frutescens</i> (pepper).....	Panama.....		1		N. Y.
<i>Lycopersicon esculentum</i> (tomato).....	Azores.....		1		Pa.
<i>Lenzites striata</i> Sw. ex Fr.: <i>Caesalpinia</i> sp.....	Nicaragua.....	1			Calif.*
<i>Lethum australiense typicum</i> Holmes: <i>Lycopersicon esculentum</i> (tomato).....	Mexico.....	221			Ariz.
<i>Macrosporium sarcinula</i> Berk.: <i>Brassica oleracea capitata</i> (cabbage).....	Portugal.....		1		Pa.
<i>Marmor tabaci vulgare</i> Holmes: <i>Capsicum frutescens</i> (pepper):	Mexico.....	184			Ariz.
<i>Melampsora lini</i> (Pers.) Lev.: <i>Linum usitatissimum</i> (flax).....	Canada.....	1			Wash.
<i>Melanconium lincolatum</i> Sacc.: Bamboo.....	Mexico.....	1			Ariz.
<i>Melanospore matthirolanum</i> Mirande: <i>Lycopersicon esculentum</i> (tomato).....	do.....	1			Tex.
<i>Monilinia cinerea</i> (Bon.) Honey: <i>Prunus</i> sp. (cherry).....	Portugal.....	1	1		Pa.
<i>Mycosphaerella schoenoprasii</i> (Rab.) Schroet.: <i>Allium porrum</i> (leek).....	Union of South Africa.....		1		Pa.
<i>Allium sativum</i> (garlic).....	Portugal.....		1		Pa.
<i>Myrothecium roridum</i> Tode: <i>Agave</i> sp.....	Mexico.....			1	Calif.*
<i>Nigrospora oryzae</i> (Berk. & Br.) Petch.: <i>Oryza sativa</i> (rice).....	India, Portugal.....	3			Mass., Pa.
<i>Papularia vinosum</i> (Berk. & Curt.) Mason: Bamboo.....	Mexico.....	1			Ariz.
<i>Pestalozzia funerea</i> Desm.: <i>Thuja occidentalis</i> (American arborvitae).	Canada.....			1	N. J.
<i>Pestalozzia macrotricha</i> Kleb.: <i>Rhododendron</i> sp.....	England.....			1	N. J.
<i>Pestalozzia palmarum</i> Cke.: <i>Cocos nucifera</i> (coconut).....	Samoa.....	1			Calif.*
<i>Phaeosphaeria oryzae</i> Miy.: <i>Oryza sativa</i> (rice).....	Burma, Japan.....	1	8		Calif.*, Wash.
<i>Phleospora multimaculans</i> Heald & Wolf: <i>Juglans</i> sp. (walnut).....	Mexico.....	3			Tex.
<i>Phoma citricarpa</i> McAlp.: <i>Citrus limon</i> (lemon).....	Australia.....		5		Calif.*, N. Y.
<i>Citrus sinensis</i> (orange).....	Australia, Union of South Africa.....			9	Calif.*, N. Y., Va.
<i>Phoma glumarum</i> Ell. & Tracy: <i>Oryza sativa</i> (rice).....	Nicaragua.....	1			Tex.
<i>Phoma terrestris</i> Hansen: <i>Pastinaca sativa</i> (parsnip).....	England.....		1		N. Y.
<i>Phyllachora graminis</i> (Fr.) Fekl.: <i>Triticum aestivum</i> (wheat).....	Morocco.....	1			N. Y.
<i>Phyllachora huberi</i> P. Henn.: <i>Hevea brasiliensis</i>	Brazil.....	1			Fla.*
<i>Phyllosticta bonanseaana</i> Sacc. (?): <i>Medicago sativa</i> (alfalfa).....	Mexico.....	1			Pa.
<i>Phyllosticta glumarum</i> (Ell. & Tracy) Miy.: <i>Oryza sativa</i> (rice).....	China.....	1			Wash.
<i>Physalospora cattleyae</i> Maub. & Lasnier: <i>Stanhopea</i> sp. (orchid).....	Mexico.....			2	N. J.
<i>Physalospora orchidearum</i> P. Henn.: <i>Cattleya</i> sp. (orchid).....	Trinidad.....			1	P. R.

List of pests collected and reported from July 1, 1942, to June 30, 1943, inclusive—Con.

Disease and host	Country of origin	Number of interceptions in—			Collected in—
		Con- sump- tion	Non- entry	Prop- aga- tion	
<i>Phytophthora capsici</i> Leonian:					
<i>Capsicum frutescens</i> (pepper)	Mexico	1			Tex.
<i>Phytophthora parasitica</i> Dast.:					
<i>Lycopersicon esculentum</i> (tomato)	do	1			Tex.
<i>Solanum melongena</i> (eggplant)	do	1			Ariz.
<i>Polyporus lionoides</i> Mont.:					
<i>Caesalpinia</i> sp.	Nicaragua	1			Calif.*
<i>Polyporus sanguineus</i> Fr.:					
<i>Caesalpinia</i> sp.	do	1			Calif.*
<i>Polystictus versicolor</i> Fr.:					
Wood	Mexico			1	Tex.
<i>Pseudoperonospora cubensis</i> (Berk. & Curt.) Rostow:					
<i>Cucurbita maxima</i> (squash)	do	1			Tex.
<i>Pseudopeziza medicaginis</i> (Lib.) Sacc.:					
<i>Medicago sativa</i> (alfalfa)	do	1			Tex.
<i>Puccinia tageticola</i> Diet. & Holw.:					
<i>Tagetes florida</i> (marigold)	do	1			Tex.
<i>Pucciniastrum pustulatum</i> (Pers.) Diet.:					
<i>Epilobium angustifolium</i> (fireweed)	Canada	1			Wash.
<i>Pyrenochaeta oryzae</i> Shirai:					
<i>Oryza sativa</i> (rice)	Japan	1			Wash.
<i>Pythium aphanidermatum</i> (Edson) Fitz.:					
<i>Phaseolus</i> sp. (string bean)	Mexico	2			Tex.
<i>Rhytisma acerinum</i> Fr.:					
<i>Acer</i> sp. (maple)	Canada	2			Mass.
<i>Sclerotinia bulborum</i> (Wakk.) Rehm.:					
<i>Hyacinthus</i> sp.	England			1	N. Y.
<i>Sclerotium cepivorum</i> Berk.:					
<i>Allium sativum</i> (garlic)	Mexico	1			Tex.
<i>Septoria anthrisci</i> Pass. & Brun.:					
<i>Chaerophyllum</i> sp. (chervil)	Portugal		1		Pa.
<i>Petroselinum crispum</i> (parsley)	do		1		Pa.
<i>Septoria apii-graveolentis</i> Dorogin:					
<i>Apium graveolens</i> (celery)	England, Union of South Africa, Wales.		3		N. Y., Pa.
<i>Septoria citri</i> Pass.:					
<i>Citrus limon</i> (lemon)	Italy		1		Pa.
<i>Citrus sinensis</i> (orange)	Portugal		1		Pa.
<i>Septoria dianthi</i> Desm.:					
<i>Dianthus</i> sp. (carnation)	Bermuda	1			N. Y.
<i>Septoria pisi</i> West.:					
<i>Pisum sativum</i> (pea)	Mexico	1			Tex.
<i>Septoria rosae</i> Desm.:					
<i>Rosa</i> sp.	do		1		Tex.
<i>Sphaceloma faucentii</i> var. <i>scabiosa</i> Jenkins:					
<i>Citrus limon</i> (lemon)	Australia		1		Md.
<i>Sphaceloma perseae</i> Jenkins:					
<i>Persea americana</i> (avocado)	American Virgin Islands, Jamaica.		2		P. R.
<i>Sphaerella exutans</i> Cke.:					
<i>Persea</i> sp.	Mexico	1			Tex.
<i>Stachyldidium theobromae</i> Turc.:					
<i>Musa paradisica sapientum</i> (banana)	Trinidad	1			Md.
<i>Trametes hydroides</i> Fr.:					
<i>Caesalpinia</i> sp.	Nicaragua	2			Calif.*
<i>Uromyces fabae</i> (Pers.) DBy.:					
<i>Vicia faba</i> (fava bean)	Portugal	1	1		Pa.
<i>Uromyces polygoni</i> Fekl.:					
<i>Polygonum aviculare</i> (prostrate knot-weed).	England	1			N. Y.
<i>Uromyces striatus</i> Schroet.:					
<i>Medicago sativa</i> (alfalfa)	Mexico	1			Tex.
<i>Ustilago avenae</i> (Pers.) Jens.:					
<i>Avena sativa</i> (oat)	Australia	2			N. Y., Pa.
<i>Ustilago hordei</i> (Pers.) Kell. & Swing.:					
<i>Hordeum vulgare</i> (barley)	Mexico, New Zealand	2			Ariz., Md.
<i>Ustilago levis</i> (Kell. & Swing.) Magn.:					
<i>Avena sativa</i> (oat)	Australia or New Zealand (soldier's mail).	1			Pa.
<i>Ustilago tritici</i> (Pers.) Rostr. (?):					
<i>Triticum aestivum</i> (wheat)	Australia	1			Wash.
<i>Vermicularia capsici</i> Syd.:					
<i>Lycopersicon esculentum</i> (tomato)	Colombia		1		La.
<i>Vermicularia herbarum</i> West.:					
<i>Dianthus</i> sp. (carnation)	Canada			1	N. J.

Hosts and diseases

- ACER:
Myrothecium roridum (Deuteromycetes)
Rhytisma acerinum (Ascomycetes)
- ALLIUM CEPA:
Botrytis allii (Deuteromycetes)
- ALLIUM PORRUM:
Heterosporium allii cepae (Deuteromycetes)
Mycosphaerella schoenoprasii (Ascomycetes)
- ALLIUM SATIVUM:
Mycosphaerella schoenoprasii (Ascomycetes)
Scelerotium cepivorum (Deuteromycetes)
- APIUM:
Septoria apii-graveolentis (Deuteromycetes)
- ARACHIS:
Cercospora personata (Deuteromycetes)
- AVENA:
Chaetomium elatum (Ascomycetes)
Heterosporium avenae (Deuteromycetes)
Ustilago avenae (Promycetes)
Ustilago levis (Promycetes)
- BAMBOO:
Melanconium lineolatum (Deuteromycetes)
Papularia vinosus (Deuteromycetes)
- BATEMANNIA—See Orchidaceae
- BRASSICA OLERACEA CAPITATA:
Macrosporium sarcinula (Deuteromycetes)
- BROMUS:
Claviceps purpurea (Ascomycetes)
- CAESALPINIA:
Daldinia gollani (Ascomycetes)
Lenzites striata (Basidiomycetes)
Polyporus lionoides (Basidiomycetes)
Polyporus sanguineus (Basidiomycetes)
Trametes hydroides (Basidiomycetes)
- CAPSICUM:
Hormodendron cladosporioides (Deuteromycetes)
Marmor tabaci vulgare (Virus)
Phytophthora capsici (Phycomycetes)
- CASIMIROA:
Cercospora coleroides (Deuteromycetes)
- CATTLEA—See Orchidaceae
- CELOSIA:
Cercospora celosiae (?) (Deuteromycetes)
- CHÆROPHYLLUM:
Septoria anthrisci (Deuteromycetes)
- CHRYSANTHEMUM:
Ascochyta chrysanthemi (Deuteromycetes)
- CITRUS GRANDIS:
Bacterium citri (Schizomycetes)
- CITRUS LIMON:
Ascochyta citri (?) (Deuteromycetes)
Elsinoe australis (Ascomycetes)
Phoma citricarpa (Deuteromycetes)
Septoria citri (Deuteromycetes)
Sphaceloma fawcettii var. *scabiosa* (Deuteromycetes)
- CITRUS PARADISI:
Alternaria citri (Deuteromycetes)
- CITRUS SINENSIS:
Elsinoe australis (Ascomycetes)
Phoma citricarpa (Deuteromycetes)
Septoria citri (Deuteromycetes)
- COCOS:
Cytospora palmarum (Deuteromycetes)
Pestalotzia palmarum (Deuteromycetes)
- CUCUMIS:
Acrothecium lunatum (Deuteromycetes)
- CUCURBITA:
Pseudoperonospora cubensis (Phycomycetes)
- CYDONIA:
Fabraea muculata (Ascomycetes)
- DIANTHUS:
Heterosporium echinulatum (Deuteromycetes)
Heterosporium variabile (Deuteromycetes)
Septoria dianthi (Deuteromycetes)
Vermicularia herbarum (Deuteromycetes)
- EPIDENDRUM—See Orchidaceae
- EPILOBIUM:
Pucciniastrum pustulatum (Promycetes)
- ERIOBOTRYA:
Fusicladium eriototryae (Deuteromycetes)
- GOSSYPYUM:
Cercospora althaeina (Deuteromycetes)
- HEVEA:
Phyllachora huberi (Ascomycetes)
- HORDEUM:
Ustilago hordei (Promycetes)
- HYACINTHUS:
Sclerotinia bulborum (Ascomycetes)
- JUGLANS:
Phlebospora multumaculans (Deuteromycetes)
- LATHYRUS:
Colletotrichum pisi (Deuteromycetes)
- LINUM:
Melampsora lini (Promycetes)
- LOLIUM:
Claviceps purpurea (Ascomycetes)
- LYCOPERSICON:
Hormodendron cladosporioides (Deuteromycetes)
Lethum australiense typicum (Virus)
Melanospora matthirolanum (Ascomycetes)
Phytophthora parasitica (Phycomycetes)
Vermicularia capsici (Deuteromycetes)
- MAGNOLIA:
Diaporthe binoculata (Ascomycetes)
- MALUS:
Gloeosporium fructigenum (Deuteromycetes)
- MANGIFERA:
Gloeosporium mangiferae (Deuteromycetes)
- MEDICAGO:
Phyllosticta bonansea (?) (Deuteromycetes)
Pseudopeziza medicaginis (Ascomycetes)
Uromyces striatus (Promycetes)
- MILTONIA—See Orchidaceae
- MUSA PARADISIACA SAPIENTUM:
Cercospora musae (Deuteromycetes)
Stachyidium theobromae (Deuteromycetes)
- NARCISSUS:
Botrytis narcissicola (Deuteromycetes)
Ditylenchus dipsaci (Nematoda)
- NICOTIANA:
Cercospora nicotianae (Deuteromycetes)
- ODONTIODA—See Orchidaceae
- ODONTOGLOSSUM—See Orchidaceae
- ONCIDIUM—See Orchidaceae
- ORCHIDACEAE:
Cercospora angreii (Deuteromycetes)
Colletotrichum macrosporum (Deuteromycetes)
Colletotrichum vanillae (Deuteromycetes)
Dematium pullulans (Deuteromycetes)
Diplodia henriquesiana (Deuteromycetes)
Diplodia paraphysaria (Deuteromycetes)
Gloeosporium cattleyae (Deuteromycetes)
Gloeosporium epidendri (Deuteromycetes)
Gloeosporium oncidii (Deuteromycetes)
Phyalospora cattleyae (Ascomycetes)
Phyalospora orchidearum (Ascomycetes)
- ORYZA:
Helminthosporium oryzae (Deuteromycetes)
Hendersonia oryzae (?) (Deuteromycetes)
Nigrospora oryzae (Deuteromycetes)
Phaeosphaeria oryzae (Ascomycetes)
Phoma glumarum (Deuteromycetes)
Phyllosticta glumarum (Deuteromycetes)
Pyrenochaeta oryzae (Deuteromycetes)
- PASPALUM:
Cerebella andropogonis (Deuteromycetes)
Claviceps paspali (Ascomycetes)
Fusarium heterosporium (Deuteromycetes)
- PASTINACA:
Phoma terrestris (Deuteromycetes)
- PERSEA:
Sphaceloma persea (Deuteromycetes)
Sphaerella erutans (Ascomycetes)
- PETROSELINUM:
Septoria anthrisci (Deuteromycetes)
- PHASEOLUS:
Pythium aphanidermatum (Phycomycetes)
- PINUS:
Ceratostomella ips (Ascomycetes)
- PISUM:
Colletotrichum pisi (Deuteromycetes)
Septoria pisi (Deuteromycetes)
- POLYGONUM:
Uromyces polygوني (Promycetes)
- PROSOPIS:
Gloeosporium leguminum (Deuteromycetes)
- PRUNUS:
Cladosporium carpophilum (Deuteromycetes)
Monilinia cinerea (Deuteromycetes)
- RHODODENDRON:
Pestalotzia macrotricha (Deuteromycetes)
- ROSA:
Diplodia rosarum (Deuteromycetes)
Septoria rosae (Deuteromycetes)

Hosts and diseases—Continued

SACCHARUM:

- Cercospora vaginæ* (Deuteromycetes)
Diplodia theobromæ (Deuteromycetes)

SECIUM:

- Cercospora sechie* (Deuteromycetes)
Colletotrichum lagenarium (Deuteromycetes)

SOLANUM MELONGENA:

- Phytophthora parasitica* (Phycomycetes)

SOLANUM TUBEROSUM:

- Aphelenchus avenæ* (Nematoda)

SORGHUM HALEPENSE:

- Colletotrichum lineola* (Deuteromycetes)

SORGHUM VULGARE:

- Colletotrichum lineola* (Deuteromycetes)

SPINACIA:

- Heterosporium variabile* (Deuteromycetes)

STANHOPEA—See Orchidaceae

TAGETES:

- Puccinia tagetica* (Promycetes)

THUJA:

- Pestalozzia funerea* (Deuteromycetes)

TRITICUM:

- Colletotrichum graminicolum* (Deuteromycetes)
Heterosporium avenæ (?) (Deuteromycetes)
Phyllachora graminis (Ascomycetes)
Ustilago tritici (?) (Promycetes)

VICIA:

- Uromyces fabæ* (Promycetes)

WOOD:

- Polystictus versicolor* (Basidiomycetes)

ZINNIA:

- Cercospora atricincta* (Deuteromycetes)

Country of origin and diseases

AMERICAN VIRGIN ISLANDS:

- Sphaceloma perseæ*

ARGENTINA:

- Alternaria citri*
Ascochyta citri (?)
Elsinoe australis

AUSTRALIA:

- Cerebella andropogonis*
Claviceps paspali
Colletotrichum graminicolum
Fusarium heterosporum
Heterosporium avenæ
Phoma citricarpa
Sphaceloma fawcettii var. *scabiosa*
Ustilago avenæ
Ustilago levis (Australia or New Zealand)
Ustilago tritici

AZORES:

- Hormodendron cladosporioides*

BERMUDA:

- Septoria dianthi*

BRAZIL:

- Elsinoe australis*
Phyllachora huberi

BURMA:

- Phaeosphaeria oryzae* (?)

CANADA:

- Chaetomium elatum*
Claviceps purpurea
Heterosporium avenæ (?)
Heterosporium variabile
Melampsora lini
Pestalozzia funerea
Pucciniastrum pustulatum
Rhytisma acerinum
Vermicularia herbarum

CHINA:

- Hendersonia oryzae* (?)
Phyllosticta glumarum

COLOMBIA:

- Colletotrichum macrosporum* (?)
Colletotrichum vanillæ
Diplodia paraphysaria
Vermicularia capsici

COSTA RICA:

- Colletotrichum macrosporum*

CUBA:

- Acrothecium lunatum*
Cercospora sechie
Claviceps paspali
Fusarium heterosporum

DOMINICAN REPUBLIC:

- Gloeosporium mangiferae*

ENGLAND:

- Botrytis narcissicola*
Ceratostomella ips
Cercospora angrei
Diaporthe binoculata
Pestalozzia macrotricha
Phoma terrestris
Sclerotinia bulborum
Septoria apii-graveolentis
Uromyces polygoni

GUATEMALA:

- Heterosporium echinulatum*

HONDURAS:

- Cercospora musæ*
Heterosporium echinulatum

INDIA:

- Nigrospora oryzae*

IRELAND:

- Botrytis narcissicola*
Ditylenchus dipsaci

ITALY:

- Septoria citri*

JAMAICA:

- Cercospora musæ*
Sphaceloma perseæ

JAPAN:

- Heterosporium allii-cepæ*
Phaeosphaeria oryzae
Pyrenochaeta oryzae

MEXICO:

- Ascochyta chrysanthemi*
Botrytis allii (?)
Cercospora althæina
Cercospora atricincta
Cercospora celosiae (?)
Cercospora coleroides
Cercospora musæ
Cercospora personata
Cercospora vaginæ
Cladosporium carpophilum
Colletotrichum lagenarium
Colletotrichum lineola
Colletotrichum pisi
Fabraea maculata
Gloeosporium leguminum
Heterosporium echinulatum
Heterosporium variabile
Lethum australiense typicum
Marmor tabaci vulgare
Melanconium lineolatum
Melanospora matthirolanum
Myrothecium roridum
Papularia vinosum
Phleospora multimaculans
Phyllosticta benansea (?)
Physalospora cattleayæ
Phytophthora capsici
Phytophthora parasitica
Polystictus versicolor
Pseudoperonospora cubensis
Pseudopeziza medicaginis
Puccinia tagetica
Pythium aphanidermatum
Sclerotium cepivorum
Septoria pisi
Septoria rosæ
Sphaerella exutans
Uromyces striatus
Ustilago hordei

MOROCCO:

- Phyllachora graminis*

MOZAMBIQUE:

- Cercospora nicotianæ*

NEW HEBRIDES:

- Diplodia theobromæ*

NEW ZEALAND:

- Botrytis allii*
Heterosporium avenæ
Ustilago hordei

Country of origin and diseases—Continued

NICARAGUA:

Daldinia gollani
Lenzites striata
Phoma glumarum
Polyporus lionoides
Polyporus sanguineus
Trametes hydroides

PANAMA:

Hormodendron cladosporioides

PORTUGAL:

Aphelenchus avenae
Fusicladium eriobotryae
Gloeosporium fructigenum
Macrosporium sarcinula
Monilinia cinerea
Mycosphaerella schoenoprasii
Nigrospora oryzae
Septoria anthrisci
Septoria citri
Uromyces fabae

PUERTO RICO:

Cercospora musae

SALVADOR:

Dematium pullulans
Helminthosporium oryzae

SAMOA:

Pestalozzia palmarum

SPAIN:

Diplodia rosarum

THAILAND:

Bacterium citri

TRINIDAD:

Cytospora palmarum
Gloeosporium epidendri
Gloeosporium oncidii
Physalospora orchidearum
Stachylidium theobromae

UNION OF SOUTH AFRICA:

Mycosphaerella schoenoprasii
Phoma citricarpa
Septoria apii-graveolentis

URUGUAY:

Claviceps purpurea
Elsinoe australis

VENEZUELA:

Cercospora musae
Dematium pullulans
Diplodia henriqueessiana
Gloeosporium cattleiae

WALES:

Septoria apii-graveolentis

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SERVICE AND REGULATORY ANNOUNCEMENTS

LIST OF INTERCEPTED PLANT PESTS, 1944¹

(List of Pests Recorded During the Period July 1, 1943, to June 30, 1944, Inclusive, as Intercepted in, on, or with Plants and Plant Products Entering United States Territory.)

INTRODUCTION

This report covers the thirty-first year for which lists of pest interceptions have been issued, and summarizes the records of pests found in, on, or with plants and plant products (1) imported, (2) offered for but refused entry, (3) held as ships' stores, etc., and hence not imported through customs, (4) offered for entry for immediate export or for immediate transportation and exportation in bond, and (5) in domestic shipments between Hawaii and Puerto Rico and the mainland.

Determinations of insects and plant diseases intercepted near the close of the preceding year are included with data for the current year. In addition to routine reports and determinations by the personnel of this Bureau, considerable information is supplied by State and customs officials. Staffs of specialists maintained by the States of California and Florida and the Territory of Hawaii determine most of the interceptions made there, and specialists of the Bureau of Plant Industry, Soils, and Agricultural Engineering determine a large part of the more difficult plant-disease material.

The scientific names of insects are checked by specialists in this Bureau, and those of hosts and fungi by specialists in the Bureau of Plant Industry, Soils, and Agricultural Engineering to conform to the international rules of nomenclature.

Statements as to the origin of plant materials inspected cannot always be verified, but the collectors make every reasonable effort to obtain the correct origin.

It is impractical to inspect all mail packages of material sent home by service personnel located in foreign countries, but such inspection as was possible during the year indicated that these shipments involved considerable risk of pest introduction. The expansion of air transportation may tend to decrease the size of shipments of plant material, but it will also decrease the likelihood that incipient infections will develop sufficiently en route to be detected at the time of inspection.

SPECIMENS FROM AIRPLANE-CARRIED MATERIAL

The increasing use of airplanes has given added importance to this method of transportation as a possible means of introducing new insect pests and new plant diseases, or additional destructive strains of pathogens already here. Although a relatively small proportion of the plant material inspected was carried by planes during the year, 1,237 interceptions of insects and 44 of plant-disease organisms were made from material thus carried. Some of the insects were mosquitoes and other "hitchhikers" that might affect public health. Among the insects found were 13 larvae of the Mediterranean fruitfly (*Ceratitis capitata*) in an orange in baggage from Africa; 2 larvae of *Anastrepha ludens* in one orange and 3 larvae in another, both collected in baggage from Mexico, and 121 larvae of *A. ludens* from 10 oranges from Guatemala, in ships' stores; 5 larvae of *Anastrepha* sp. (probably *A. serpentina*) from sapodilla fruit in baggage from Colombia; *Anastre-*

¹ Compiled by N. Rex Hunt, pathologist, Judith Hunt, scientific aid, and H. L. Sanford, entomologist, Division of Foreign Plant Quarantines.

pha sp. in an orange in stores from Brazil, in a pomegranate in baggage from Colombia, and in a fruit of *Syzygium jambos* in baggage from Venezuela; eggs of *Acanthoscelides dominicanus* (Bruchidae) on seeds of *Caesalpinia coriaria* in cargo from Venezuela; citrus blackfly (*Aleurocanthus woglumi*) on foliage of grapefruit in baggage from Cuba; pink bollworm (*Pectinophora gossypiella*) in cottonseed in baggage from Dominican Republic; and various scale insects, thrips, and many others. Very few of the insects collected in airplane-carried material were in, on, or with material for propagation.

Of the 44 collections of pathogens, 35 were from material offered for entry for propagation. Among these pathogens on propagating material were *Fusarium moniliforme*, causing a rot of seed corn in cargo from Brazil; *Sphenospora* sp., an undescribed orchid rust in express from Venezuela; various pathogens infecting orchids and other ornamentals from Central and South America and the West Indies; seeds of mangosteen in express from the Canal Zone; and seeds of *Vigna unguiculata* in baggage from Barbados. These records indicate that even small lots of (presumably) carefully selected material being transported at relatively high cost may be infected.

SPECIMENS FROM SERVICE MAIL

For reasons of national security, data accompanying specimens found in mail from our armed forces are usually very vague. The large increase in foreign mail has made it impossible with the limited personnel available to inspect more than a relatively few of such packages. Even so, approximately one-third of the 322 collections of insects found in mail were from war areas. These collections included *Anuraphis tulipae* (Aphidae), *Aspidiotus cyanophylli* (Coccidae), *A. lataniae* (Coccidae), *Bruchus rufimanus* (Bruchidae), *Coccus viridis* (Coccidae), *Corcya cephalonica* (Galleriidae), *Dacus oleae* (?) (Tephritidae), *Diaspis carueli* (Coccidae), *Furcaspis biformis* (Coccidae), *Gnathocerus cornutus* (Tenebrionidae), *Heterobostrychus aequalis* (Bostrichidae), *Leucaspis cockerelli* (Coccidae), *Lyctocoris campestris* (Anthrenidae), *Monanus concinnulus* (Cucujidae) and *Pectinophora gossypiella* (Gelechiidae). Approximately half of the 137 lots of diseased plant materials found in mail came from war areas, and most of these were in mail definitely reported as from the armed services. Among the collections from service mail were the cereal rusts *Puccinia anomala* on barley, *P. coronata* on oats, and *P. glumarum* and *P. rubigo-vera* on wheat; and the smuts *Ustilago hordei* on barley and *U. tritici* on wheat. Such material might introduce new and destructive strains or races of these rusts and smuts. Other pathogens in service mail included *Bacterium savastanoi* on olive, *Botrytis narcissicola* on narcissus, *Cytospora palmicola* on coconut, *Ditylenchus dipsaci* on narcissus, *Endocalyx melanoanthus* on cocorut, *Erysiphe graminis* on wheat-straw packing, *Leptosphaeria heterospora* and *Mycosphaerella iridis* on iris, *Physalospora orchidearum* on orchid, *Sclerotium oryzae* on rice-straw packing, *Septoria tritici* on wheat straw, and *Trochila ilicis* on holly leaves. Still other pathogens on various hosts could not be determined.

NOTES ON INSECTS INTERCEPTED

FRUITFLIES

Anastrepha sp., probably *fraterculus*, was intercepted in orange from Brazil. The Mexican fruitfly (*A. ludens*) was taken in orange from Guatemala, and in apple, avocado, grapefruit, mango, orange, peach, pear, quince, and sweet lime from Mexico. The West Indian fruitfly (*A. mombinpraeoptans*) was intercepted in mango and *Spondias mombin* (?) from Cuba, and in mango from Dominican Republic, Haiti, and Jamaica. *A. serpentina* was taken in grapefruit from Trinidad and in maney from Mexico. *A. striata* was intercepted in guava from Mexico. The Mediterranean fruitfly (*Ceratitis capitata*) was intercepted in grapefruit from Australia and Palestine, in mango from Hawaii, in orange from Africa and Portugal, and in pimento from Portugal. *Ceratitis* sp., probably *capitata*, was taken in apple from Spain, in grapefruit from Dutch Guiana, and in orange from Egypt. The melon fly (*Dacus cucurbitae*) was intercepted in cucumber and string bean from Hawaii. The olive fly (*D. oleae*) was taken in olive from Portugal. The celery fly (*Philophylla heraclei*) infested celery from England. The apple maggot (*Rhagoletis pomonella*) was intercepted in apple from Mexico. *R. striatella* was taken in husk tomato from Mexico.

INSECTS OTHER THAN FRUITFLIES

Acanthoscelides dominicanus (Bruchidae) was intercepted in seeds of huisache from Colombia, in divi-divi from Colombia, Mexico, and Venezuela, and *Caesalpinia* sp. from Jamaica. The citrus blackfly (*Aleurocanthus woglumi*) was taken on the foliage of grapefruit from Cuba and of sour lime from Mexico. Pineapples from Mexico were infested with *Alpheias conspirata* (Galleriidae). *Anaphothrips orchidii* (Thripidae) was found on *Odontoglossum* sp. leaf from England and on *Oncidium sphacelatum* from Mexico. *Anuraphis apiifolia* (Aphidae) arrived with celery from Egypt. *Aonidiella inornata* (Coccidae) was intercepted on a palm-seed husk from the New Hebrides. *Bolacothrips jordanii* (Thripidae) was taken on grass in sand ballast from England; this represented a first interception and was new to the collection. *Brachyrhinus desertus* var. (Curculionidae) arrived with sod in ballast from Scotland; it appears to be a rather rare species. *Bruchus luteicornis* (Bruchidae) infested vetch from Argentina. The turnip gall weevil (*Ceutorhynchus pleurostigma*) was intercepted in rutabaga from England and Ireland and in turnip from England. *Conchaspis angraeci* (Coccidae) was taken on an orchid from Trinidad. *Conotrachelus aguacatae* (Curculionidae) infested avocado from Mexico. *Dinoderus bifoveolatus* (Bostrichidae) arrived with barbasco roots from Colombia and Peru. *Drymus sylvaticus* (Lygaeidae) was found on *Rhododendron* sp. from England. *Epicaerus cognatus* (Curculionidae) was taken in potatoes (in baggage) from Mexico. *Eumecosomyia nubila* (Otitidae) infested corn from Colombia and Mexico. *Platoides fuscus* (Fulgoroidea) was intercepted on tomato from Mexico. *Gnorimoschema gudmannella* (Gelechiidae) infested peppers from Mexico. *Laspeyresia splendana* (Olethreutidae) was found in chestnuts from Portugal and in acorns from Algeria. *Mordellistena cattleyana* (Mordellidae) infested leaves of *Cattleya gigas* and *Cattleya* sp. from Colombia. The pink bollworm (*Pectinophora gossypiella*) was taken in cottonseed from Argentina, Dominican Republic, Hawaii, India, Mexico, Puerto Rico, and St. Vincent, in seed cotton and okra from Mexico, and in cottonseed and seed cotton in soldiers' mail. *Pseudococcus boninsis* (Coccidae) was found on sugarcane from Mexico. *Psylliodes chrysocephala* (Chrysomelidae) arrived with turnips from England. The mango weevil (*Sternochelus mangiferae*) was intercepted in mangoes from Australia, Hawaii, and India. *Taeniothrips ericae* (Thripidae) was taken on heather from Scotland.

NOTES ON PLANT DISEASES INTERCEPTED

Plant diseases found during the year included some that have been troublesome for years and others concerning which little is known. Among the former were Dutch elm disease (*Ceratostomella ulmi*), white pine blister rust (*Cronartium ribicola*), flax rust (*Melampsora lini*), banana leaf spot (*Cercospora musae*), the bulb and stem nematode (*Ditylenchus dipsaci*), and the citrus diseases black spot (*Phoma citricarpa*) and sweet orange scab (*Elsinoe australis*). A lemon reaching here via South Africa had lesions resembling those of citrus canker (*Bacterium citri*), but no undoubted specimens of this disease were found during the year. Among the pathogens found which might be important were the nematodes *Aphelenchus* sp. on onion and *Aphelenchoides* sp. on lily bulbs from Mexico, and *Ditylenchus*, n. sp., on false leek (*Nothoscordum* sp.) from Uruguay. In addition to numerous interceptions of grain rusts and smuts, which are always likely to represent serious strains not present in the United States, one interception was made of *Kuehneola uredinis* on *Rubus fruticosus* from Australia, which might represent a menace to our *Rubus* spp.

Among the apparently undescribed species intercepted were two rusts, *Aecidium* sp. on *Othonna crassifolia* from South Africa and *Sphenospora* sp. (to be described by G. B. Cummins) on *Cynoches chlorochilon* (an orchid) from Venezuela. Another new orchid fungus was *Selenophoma* sp. on *Odontoglossum cordatum* from Guatemala. An *Ascochyta* on *Mertya sinclairi* from New Zealand might also be new. New nematodes included *Aphelenchoides* sp. on *Lilium longiflorum* from Mexico, *Aporcelaimus* sp. on carnation from Mexico, *Ditylenchus* sp. on *Nothoscordum* sp. from Uruguay, and *Labronema* sp. on *Lilium* sp. from Mexico. Others that may be new species were *Aphelenchus* sp. (related to *A. avenae* Bastian) on onion from Mexico, *Cephalobus* sp. on *Hieronymiella clidanthoides* from Argentina, *Chiloplacus* sp. on *Amaryllis* sp. from New Zealand, *Chiloplacus* sp. on *Hieronymiella clidanthoides* from Argentina, and *Heterodera* sp. of the *H. schachtii* group on *Petrophytum hendersoni* from Canada.

The year's interceptions included 28 named pathogens new to the interception files, 9 on additional hosts for these files, and 32 from additional countries or areas for the records of the pathogens concerned.

COMMON PESTS INTERCEPTED

Most of the insects and plant diseases found during the inspection of plant material are readily recognized as species already well established in this country. In normal times representative samples of such forms are taken rather frequently and checked to make sure that similar forms not yet established are not being overlooked. It has not been possible to make the usual number of such records during the past year, but those that were made are summarized here. The numbers following the names of the pests indicate the number of countries of origin included and the number of interceptions recorded.

INSECTS

Common insects intercepted 10 or more times, and recorded, included *Acanthoscelides obtectus* (8-48), *Ahasverus advena* (12-23), *Anthonomus eugenii* (1-3,033), *Aonidiella aurantii* (6-72), *Aphis gossypii* (7-12), *Araecerus fasciculatus* (10-14), *Aspidiotus cyanophylli* (13-44), *A. hederæ* (10-41), *A. lataniae* (19-184), *A. perniciosus* (4-12), *Carpocapsa pomonella* (5-107), *Cerataphis lataniae* (8-41), *Chionaspis citri* (4-23), *Chrysomphalus aonidum* (17-52), *C. dictyospermi* (13-73), *Coccus hesperidum* (9-30), *Diaspis boisduvalii* (18-178), *Gnorimoschema operculella* (14-146), *Heliothis armigera* (7-6,696), *H. virescens* (2-183), *Hippodamia convergens* (1-18), *Howardia biclavata* (10-18), *Keiferia lycopersicella* (1-5,829), *Laphygma exigua* (2-171), *L. frugiperda* (2-363), *Lasioderma serricornis* (6-14), *Lepidosaphes beekii* (21-132), *L. gloverii* (8-13), *Lorita abornana chatka* (1-16), *Murgantia histrionica* (1-37), *Myzus persicae* (5-13), *Necrobis rufipes* (11-14), *Oryzaephilus surinamensis* (9-20), *Parlatoria pergandii* (14-52), *Pinnaspis minor* (14-62), *Plodia interpunctella* (11-33), *Pseudococcus aonidum* (9-37), *P. brevipes* (10-25), *P. citri* (9-20), *Rhizoglyphus echinopus* (9-34), *Saissetia hemisphaerica* (10-109), *S. oleae* (6-13), *Selenaspidus articulatus* (20-43), *Sitophilus oryza* (12-19), *Tribolium castaneum* (12-30), *Typhaea stercoraria* (10-28).

In addition there were 2,614 interceptions belonging to 524 species which were not deemed to be of sufficient importance from the plant-quarantine viewpoint to warrant listing them by species. The number of more or less cosmopolitan species totaled 20,789.

DISEASES

Common plant diseases reported 10 or more times included *Actinomyces scabies* (15-275), *Alternaria solani* (1-17), *A. tomato* (1-1,181), *Aspergillus niger* (20-705), *Bacterium marginatum* (3-20), *B. phaseoli* (1-11), *B. tumefaciens* (2-12), *B. vesicatorum* (1-1,126), *Botrytis cinerea* (9-19), *B. tulipae* (1-35), *Cephalothecium roseum* (1-38), *Cercospora beticola* (1-24), *C. rosicola* (4-39), *Cladosporium fulvum* (3-140), *C. herbarum* (1-43), *Colletotrichum circinans* (1-846), *C. gloeosporioides* (12-92), *C. lindemuthianum* (5-27), *C. orchidearum* (6-15), *C. phomoides* (1-14), *Corticium vagum* (11-561), *Diaporthe citri* (20-63), *Diplocarpon rosae* (2-22), *Diplodia natalensis* (10-42), *Elsinoe fawcettii* (16-69), *Erysiphe polygoni* (1-69), *Gloeosporium limetticolum* (10-49), *G. musarum* (3-22), *Helminthosporium allii* (7-1,427), *Heterodera marioni* (12-24), *Heterosporium echinulatum* (5-16), *Mycosphaerella pinodes* (4-21), *Oospora citri-aurantii* (6-51), *O. lactis parasitica* (3-67), *O. pustulans* (3-10), *Penicillium digitatum* (11-129), *P. italicum* (8-28), *Phoma destructiva* (1-39), *Puccinia allii* (4-26), *P. chrysanthemi* (1-12), *P. graminis* (15-97), *P. porri* (7-17), *P. purpurea* (1-45), *P. rubigo-vera* (6-45), *Rhizopus nigricans* (14-471), *Sclerotinia sclerotiorum* (7-16), *Sclerotium oryzae* (3-15), *Spondylocadium atrovirens* (8-32), *Tilletia tritici* (1-205), *Uromyces phaseoli typica* (2-11), *Ustilago maydis* (1-10), *Venturia inaequalis* (13-51), *Verticillium cinnabarina* (9-22).

In addition to the species listed 116 interceptions of 35 other species of common pathogens were recorded, making a total of 8,579 interceptions of common diseases.

INCOMPLETELY DETERMINED PESTS

Among the pests found by inspectors are many which cannot be fully determined. Some of them are new to science, but most of them are in a stage or condition that makes definite determination impracticable.

INSECTS

Among the incompletely determined insects intercepted during the year were the following fruitflies: *Anastrepha* sp., probably *fraterculus*, taken in grapefruit and orange from Brazil at Mobile and New Orleans; *Anastrepha* sp., perhaps

ludens, at El Paso in orange from Mexico; *Anastrepha* sp., probably *mombinpraeoptans*, at El Paso in mango from Mexico; *Anastrepha* sp., probably *serpentina*, at Miami in sapodilla from Colombia; *Anastrepha* sp. at Brownsville, Eagle Pass, El Paso, Fort Worth, Hidalgo, Laredo, Miami, Mobile, and New York in apple, avocado, grapefruit, guava, mango, orange, peach, pear, pomegranate, and quince from Brazil, Colombia, Haiti, Mexico, Trinidad, and Venezuela; perhaps *Ceratitis* sp. at Norfolk in orange from Egypt; *Rhagoletis* sp., probably *juglandis*, at El Paso in Persian walnut from Mexico; *Rhagoletis* sp. at El Paso, Hidalgo, and Laredo in husk tomato, red haw, and thornapple from Mexico. Three interceptions which could not be identified beyond family (Tephritidae) were taken at El Paso and Hoboken in rose hips and on wild currant from Canada and Mexico.

The following miscellaneous insects of special interest were intercepted: An undescribed aleyrodid (*Aleuroparadoxus* sp.) on Cape-jasmine and ebony was taken at Brownsville from Mexico; *Amorbia* sp., possibly *phaseolana* Busck (Tortricidae), at Laredo in tomato from Mexico; *Anthonomus* sp., near *squamans* Champ. (Curculionidae), at Hidalgo with lettuce from Mexico; *Atomaria* sp., probably *atra* (Hbst.) (Cryptophagidae), at New York in sod from Scotland; *Bulia* sp., apparently *similaris* Richards (Phalaenidae), at Eagle Pass in *Cassia fistula* from Mexico; *Centrinaspis* sp., near *tonsilis* Boh. (Curculionidae), at Douglas and Nogales in corn from Mexico; *Coccotrypes* sp., near *thrinaxis* Hopk. (Scolytidae), at San Juan in seeds of *Cananga odorata* from Haiti; *Cylas* sp., near *compressus* Hartm. (Curculionidae), at the Inspection House, Washington, D. C., in sweetpotato from Africa; *Dalopius* sp., probably *marginatus* L. (Elateridae), at New York in sod ballast from Scotland; *Ereunetis* sp., probably *minuscule* Wlsm. (Tineidae), at Houston in stem of banana plant from a South Pacific island; *Gymnandrosoma* sp. (Olethreutidae) at Eagle Pass and Galveston in orange from Mexico and at New York in orange from Trinidad; *Heilipus* sp., probably *lauri* Boh. (Curculionidae), at Brownsville in avocado seed from Mexico; *Hylocurus* sp., possibly *vagabundus* Bldfd. (Scolytidae), at Nogales in bamboo from Mexico; *Nertus* sp., probably *suturalis* Boh. (Curculionidae), at Laredo and Nogales in bamboo from Mexico; *Pachymerus* sp., near *olearius* Bridwell (Bruchidae), at Houston in *Acrocomia* sp., and at New York in *Attalea* sp. from Brazil; *Tetraleurodes* sp., near *fici* Q. and B. (Aleyrodidae), at Hoboken on leaf of *Spondias* sp. (?) from Mexico; *Trichobaris* sp. (Curculionidae), at Brownsville, Hidalgo, and Laredo in husk tomato from Mexico.

There were also 2,960 interceptions, distributed among 568 genera, which could be identified to genus only. A total of 87 could be determined to family and subfamily only.

Total of incompletely determined insect interceptions, 3,120.

DISEASES

Among the incompletely determined plant pathogens and associated organisms taken during the year were a number of sufficient interest to be noted here. *Aecidium* sp. was found on *Othonna crassifolia* from South Africa, a new host and perhaps a new rust species. *Aphelenchoides*, n. sp., a new nematode, was found on an Easter lily bulb from Mexico. *Aporcelaimus*, n. sp., another nematode, was found on carnations from Mexico. A leaf spot caused by *Ascochyta* sp. on *Meryta sinclairi* from New Zealand may be new as no such fungus seems to have been reported for this host. *Cephalobus* sp. and *Chiloplacus* sp., probably new species of nematodes, occurred on a bulb of *Hieronymiella cidanthoides* from Argentina. *Chiloplacus* sp., possibly a new nematode, was taken from an *Amoryllis* bulb from New Zealand. *Ditylenchus*, n. sp., was intercepted on *Nothoscordum* bulbs from Uruguay. *Labronema*, n. sp., nematode, was found on a lily bulb from Mexico. *Selenophoma*, n. sp., was intercepted on *Brassia verrucosa grandiflora* and *Odontoglossum cordatum* from Guatemala. *Sphenospora*, n. sp., a rust, was found infecting *Cynoches chlorochilon*, an orchid, from Venezuela. A number of undetermined rusts and smuts of grains and grasses from various areas were found.

Incompletely determined pathogens recorded during the year totaled 6,515.

Geographic summary of interceptions listed in main table and interception totals

Country	Insect	Disease	Country	Insect	Disease
	Num- ber	Number		Num- ber	Number
Africa:			North America—Continued		
Africa.....	1	0	Central America—Continued		
Algeria.....	6	0	Honduras.....	3	0
British West Africa.....	0	1	Nicaragua.....	3	0
Egypt.....	5	1	Panama.....	4	2
French West Africa.....	2	0	Iceland.....	1	0
Gold Coast.....	7	1	Mexico.....	1,665	616
Madeira Islands.....	4	3	West Indies		
Morocco.....	0	1	Bahamas.....	3	0
North Africa.....	0	1	British West Indies.....	0	1
Sierra Leone.....	1	0	Cuba.....	44	9
Tanganyika.....	1	0	Curacao.....	0	1
Union of South Africa.....	2	2	Dominica.....	1	0
Asia:			Dominican Republic.....	13	3
Arabia.....	1	0	Guadeloupe.....	1	2
India.....	12	2	Haiti.....	10	1
Iran.....	1	3	Jamaica.....	7	0
Iraq.....	1	0	Martinique.....	1	0
Palestine.....	2	0	Puerto Rico.....	13	2
Australasia:			St. Vincent.....	1	0
Australia.....	9	16	Tahiti.....	1	0
Fiji Islands.....	1	0	Trinidad.....	21	0
Hawaii.....	35	1	South America:		
Johnston Island.....	1	0	Argentina.....	6	7
Midway.....	1	0	Bolivia.....	0	2
New Caledonia.....	1	2	Brazil.....	29	6
New Guinea.....	1	0	Colombia.....	15	5
New Hebrides.....	1	1	Dutch Guiana.....	3	0
New Zealand.....	4	1	Peru.....	10	0
Palmyra Island.....	2	0	South America(?).....	1	0
Queensland.....	0	1	Uruguay.....	0	2
South Pacific.....	31	4	Venezuela.....	29	5
Tasmania.....	0	2	Total:		
Europe:			Africa.....	29	10
Azores.....	0	1	Asia.....	17	5
England.....	53	24	Australasia.....	87	23
Ireland.....	1	0	Europe.....	225	94
Italy.....	0	2	North America.....	1,895	654
North Ireland.....	0	2	South America.....	93	27
Portugal.....	157	54	Unknown.....	15	16
Scotland.....	10	2	Total.....	2,361	834
Sicily.....	1	4	Total (common pests,		
Spain.....	3	5	p. —).....	20,789	8,579
North America:			Total (incompletely de-		
Bermuda.....	0	2	termined pests, p. —).....	3,120	6,515
Canada.....	9	5	Total insect intercep-		
British Columbia.....	5	1	tions.....	26,270	-----
Central America:			Total disease intercep-		
Canal Zone.....	16	1	tions.....		15,928
Costa Rica.....	24	2	Grand total.....		42,198
Guatemala.....	49	6			

NOTE.—In addition to the countries named above, interceptions were made from Angola, Aruba, Barbados, Belgian Congo, British Guiana, British Honduras, British West Africa, Ceylon, Chile, China, Dutch West Indies, Eritrea, France, French Equatorial Africa, French Guiana, Gibraltar, Gilbert Islands, Grenada, Guadalcanal, Liberia, Madagascar, Mozambique, New South Wales, Nigeria, Oceania, Orient, St. Lucia, Salvador, Solomon Islands, Straits Settlements, Tonga Islands, Tunisia, Union of Soviet Socialist Republics, and Wales.

List of pests (insects) collected and reported, July 1, 1943, to June 30, 1944, inclusive

[An asterisk indicates State inspection]

Insect and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Non-entry	Propagation	
<i>Acanthoscelides dominicanus</i> (Jek.) (Bruchidae):					
<i>Acacia farnesiana</i> (sweet acacia).....	Colombia.....	1			La.
<i>Caesalpinia coriaria</i> (divi-divi).....	Colombia, Mexico, Venezuela.	4	1		Fla.,* La., Tex.
<i>Caesalpinia</i> sp.....	Jamaica.....	1			N. Y.
<i>Acanthoscelides flexicaulis</i> (Schaef.) (Bruchidae):					
<i>Pithecellobium flexicaule</i> (apes-earring).....	Mexico.....			2	Tex.
<i>Acanthoscelides protractus</i> (Horn) (Bruchidae):					
<i>Prosopis</i> sp. (mesquite).....	do.....	1		1	Ariz., Tex.
<i>Acanthoscelides sallaei</i> (Sharp) (Bruchidae):					
<i>Chrysanthemum</i> sp.....	do.....	1			Tex.
<i>Aceratagallia uhleri</i> (Van D.) (Cicadellidae):					
<i>Spinacia oleracea</i> (spinach).....	do.....	1			Tex.
<i>Acroleucus vicinialis</i> Dist. (Lygaeidae):					
<i>Ananas comosus</i> (pineapple).....	do.....	1			Tex.
<i>Tillandsia</i> sp.....	do.....			1	Tex.
<i>Adelphocoris superbus</i> (Uhl.) (Miridae):					
<i>Medicago sativa</i> (alfalfa).....	do.....	1			Tex.
<i>Adoretus sinicus</i> Burm. (Scarabaeidae):					
Airplane.....	Palmyra Island.....			1	Hawaii*
<i>Aedes vigilax</i> (Skuse) (Culicidae):					
Airplane.....	South Pacific.....			2	Hawaii*
<i>Agilus furcillatus</i> Chev. (Buprestidae):					
Wooden crate.....	Mexico.....	1			Ariz.
<i>Agriotes mancus</i> Say (Elateridae):					
Soil around begonia roots.....	Canada.....			1	N. J.
<i>Agriotes obscurus</i> L. (Elateridae):					
Sod and sand ballast.....	Scotland.....	2			N. Y.
<i>Agromyza scutellata pascuum</i> (Meig.) (Agromyzidae):					
<i>Medicago sativa</i> (alfalfa).....	Mexico.....	1			Tex.
<i>Agromyza virens</i> Loew (Agromyzidae):					
<i>Daucus carota sativa</i> (carrot).....	do.....	1			Tex.
<i>Helianthus</i> sp.....	do.....			1	Tex.
<i>Phaseolus</i> sp. (string bean).....	do.....	8			Ariz., Tex.
<i>Agrotis malefida</i> Guen. (Phalaenidae):					
Cane bottom chair.....	do.....	1			Tex.
<i>Alaus lusciosus</i> Hope (Elateridae):					
<i>Ananas comosus</i> (pineapple).....	do.....	1			Tex.
<i>Aleurocanthus woulmi</i> Ashby (Aleyrodidae):					
<i>Citrus aurantifolia</i> (sour lime).....	do.....	1			Ariz.
<i>Citrus paradisi</i> (grapefruit).....	Cuba.....	1			Fla.*
<i>Aleurothrixus floccosus</i> (Mask.) (Aleyrodidae):					
<i>Persea americana</i> (avocado).....	Mexico.....			1	Tex.
<i>Psidium guajava</i> (guava).....	do.....	1			Tex.
<i>Aleurothrixus myrtacei</i> Bondar (Aleyrodidae):					
<i>Gardenia augusta</i> (Cape-jasmine).....	Guatemala, Mexico.....	4	2		Tex.
<i>Alpheias conspirata</i> Hein. (Galleriidae):					
<i>Ananas comosus</i> (pineapple).....	Mexico.....	11			Tex.
<i>Amblycerus scutellaris</i> (Sharp) (Bruchidae):					
<i>Cinchona</i> sp.....	Guatemala.....			1	P. R.
<i>Amphicerus cornutus</i> (Pallas) (Bostrichidae):					
<i>Allium sativum</i> (garlic).....	Mexico.....	1			Tex.
<i>Arachis hypogaea</i> (peanut).....	do.....	1			Tex.
Bamboo.....	do.....	2			Ariz.
Copra.....	do.....			1	Tex.
Box car loaded with zinc.....	do.....	1			Tex.
<i>Anacentrinus deplanatus</i> (Csy.) (Curculionidae):					
<i>Hibiscus drummondii</i>	do.....			1	Tex.
<i>Anaphothrips orchidaceus</i> Bagn. (Thripidae):					
<i>Laelia</i> sp. (orchid).....	do.....			1	Tex.
<i>Zygopetalum mackayi</i> (orchid).....	England.....			1	N. J.
<i>Anaphothrips orchidii</i> (Mlt.) (Thripidae):					
<i>Odontoglossum</i> sp. (orchid).....	do.....			1	N. J.
<i>Oncidium sphacelatum</i> (orchid).....	Mexico.....			1	Calif.*

List of pests (insects) collected and reported, July 1, 1943, to June 30, 1944, incl.—Con.

Insect and host	Country of origin	Number of interceptions in—			Collected in
		Consumption	Non-entry	Propagation	
<i>Anastrepha fraterculus</i> (Wied.) (?) (Tephritidae):					
<i>Citrus sinensis</i> (orange)	Brazil		6		La., P. R.
<i>Anastrepha ludens</i> (Loew) (Tephritidae):					
<i>Citrus aurantifolia</i> (sweet lime)	Mexico	2			Tex.
<i>Citrus paradisi</i> (grapefruit)	do	6			Tex.
<i>Citrus sinensis</i> (orange)	Guatemala, Mexico	79	12		Ariz., Calif., * Fla.*
<i>Cydonia oblonga</i> (quince)	Mexico	4			Tex.
Bag used for oranges	do		1		Tex.
Garbage bucket where squeezed orange peel had been	do		1		Tex.
<i>Malus pumila</i> (apple)	do	7			Tex.
<i>Mangifera indica</i> (mango)	do	16	2		Ariz., Tex.
Floor of box car	do		3		Tex.
<i>Persea americana</i> (avocado)	do	3			Tex.
<i>Prunus persica</i> (peach)	do	4			Ariz., Tex.
<i>Pyrus communis</i> (pear)	do	8	3		Tex.
<i>Anastrepha mombinpraeoptans</i> Sein (Tephritidae):					
<i>Mangifera indica</i> (mango)	Cuba, Dominican Republic, Haiti, Jamaica	3	6		Ala., Fla., * La., N. Y.
<i>Spondias mombin</i> (?) (yellow mombin)	Cuba		1		Fla.*
<i>Anastrepha serpentina</i> (Wied.) (Tephritidae):					
<i>Citrus paradisi</i> (grapefruit)	Trinidad		1		Ala.
<i>Mammea americana</i> (mamey)	Mexico	2			Ariz., Tex.
<i>Anastrepha striata</i> Schin. (Tephritidae):					
<i>Psidium guajava</i> (guava)	do	1			Ariz.
<i>Andricus furnessae</i> (Weld) (Cynipidae):					
<i>Quercus</i> sp. (oak)	do	1			Ariz.
Unknown cutting	do	1			Ariz.
<i>Anuraphis apiifolia</i> (Theob.) (Aphididae):					
<i>Apium graveolens</i> (celery)	Egypt		1		Md.
<i>Aonidiella citrina</i> (Coq.) (Coccidae):					
<i>Citrus sinensis</i> (orange)	Mexico	1			Tex.
<i>Gardenia augusta</i> (Cape-jasmine)	do		1		Tex.
<i>Aonidiella eremocitri</i> McKenzie (Coccidae):					
<i>Cocos nucifera</i> (coconut)	South Pacific			1	Calif.*
<i>Aonidiella inornata</i> (McKenzie) (Coccidae):					
Palm seed	New Hebrides	1			Calif.*
<i>Aphis lutescens</i> Mon. (Aphididae):					
<i>Nerium oleander</i> (oleander)	Mexico			1	Tex.
<i>Aphis sedi</i> Kalt. (Aphididae):					
<i>Sedum</i> sp.	Guatemala			1	N. J.
<i>Apion pomonae</i> (F.) (Curculionidae):					
<i>Triticum aestivum</i> (wheat)	Portugal	1			Minn.
<i>Vicia</i> sp. (vetch)	do	18			N. Y., Pa., Wash., Tex.
<i>Apion subornatum</i> Fall (Curculionidae):					
<i>Lycopersicon esculentum</i> (tomato)	Mexico	1			Tex.
<i>Arvelius albopunctatus</i> (Deg.) (Pentatomidae):					
<i>Solanum melongena</i> (eggplant)	do	1			Ariz.
<i>Aspidiotus destructor</i> Sign. (Coccidae):					
<i>Cocos nucifera</i> (coconut)	Cuba		1		Fla.*
<i>Musa paradisiaca sapientum</i> (banana)	Costa Rica, Cuba, Dominican Republic, Haiti, Honduras.	14			Calif., * Fla.*
<i>Aspidiotus diffinis</i> Newst. (Coccidae):					
<i>Psidium guajava</i> (guava)	Mexico	1			Ariz.
<i>Aspidiotus herculeanus</i> D. & H. (Coccidae):					
<i>Annona</i> sp.	Trinidad	1			Fla.*
<i>Aspidiotus palmarum</i> Ckll. (Coccidae):					
<i>Camellia</i> sp.	Mexico			1	Tex.
<i>Cocos nucifera</i> (coconut)	New Guinea			1	Calif.*
<i>Musa paradisiaca sapientum</i> (banana)	Costa Rica	5			Calif.*
<i>Aspidiotus spinosus</i> Comst. (Coccidae):					
<i>Cocos nucifera</i> (coconut)	Hawaii, Nicaragua		2		Calif.*
<i>Mammea americana</i> (mamey)	Cuba		1		Fla.*
<i>Asterolecanium milaris robustum</i> Green (Coccidae):					
Bamboo	Canal Zone	1			N. Y.

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<i>Asterolecanium pustulans</i> (Ckll.) (Coccidae):					
<i>Achras sapota</i> (sapodilla).....	Bahamas.....	1			Fla.*
<i>Monodora</i> sp.....	Dominica.....		1		N. J.
<i>Nerium oleander</i> (oleander).....	Mexico.....		1		Tex.
Unidentified cuttings.....	Hawaii.....			1	Calif.*
<i>Athous subfuscus</i> Mul. (Elateridae):					
Soil.....	Scotland.....	1			N. Y.
<i>Atrusca aggregata</i> (Weld) (Cynipidae):					
Unidentified cutting.....	Mexico.....	1			Ariz.
<i>Aulacaspis mangiferae</i> (Newst.) (Coccidae):					
<i>Mangifera indica</i> (mango).....	Trinidad.....	1			Fla.*
<i>Autographa brassicae</i> (Riley) (Phalaenidae):					
<i>Brassica oleracea capitata</i> (cabbage).....	Mexico.....	1			Tex.
<i>Autoserica castanea</i> (Arrow) (Scarabaeidae):					
Soil around roots of rhododendron.....	England.....			1	N. J.
<i>Barynotus squamosus schonherri</i> (Zett.) (Curculionidae):					
Soil ballast.....	Scotland.....	1			N. Y.
<i>Barypeithes pellucidus</i> (Boh.) (Curculionidae):					
Alpine plants.....	British Columbia.....			1	Wash.
<i>Bemisia inconspicua</i> (Q.) (Aleyrodidae):					
<i>Acer mexicanum</i>	Mexico.....			1	Ariz.
<i>Bitoma crenata</i> (F.) (Colydiidae):					
<i>Juglans</i> sp. (walnut).....	England.....	1			N. Y.
<i>Blissus leucopterus insularis</i> Barber (Lygaeidae):					
<i>Ananas comosus</i> (pineapple).....	Mexico.....	1			Tex.
Grasses and pigweed.....	Canal Zone (?).....		2		Tex.
<i>Bolacothrips jordani</i> Uzel (Thripidae):					
Grass in sand ballast.....	England.....	1			N. Y.
<i>Bonchis munitatis</i> (Led.) (Chrysaugidae):					
<i>Parmentiera edulis</i> (food candletree).....	Mexico.....	1			Tex.
<i>Brachyrhinus desertus</i> (Rosenh.) var. (Curculionidae):					
Sod in ballast.....	Scotland.....	1			N. Y.
<i>Brachyrhinus singularis</i> (L.) (Curculionidae):					
Clump of roots in ballast.....	do.....	1			N. Y.
<i>Brochymena sulcata</i> VanD. (Pentatomidae):					
<i>Lactuca sativa</i> (lettuce).....	Mexico.....	1			Tex.
Vegetable leaves.....	do.....	1			Tex.
<i>Bruchidius incarnatus</i> (Boh.) (Curculionidae):					
<i>Vicia faba</i> (fava bean).....	Egypt.....		1		N. Y.
<i>Bruchus guttalis</i> Rey (Bruchidae):					
Bottle jacket.....	Portugal.....	1			Pa.
<i>Secale cereale</i> (rye).....	do.....	5			Pa.
<i>Vicia angustifolia</i> (narrowleaf vetch).....	do.....	2			Pa.
<i>Vicia</i> sp. (vetch).....	Madeira Islands, Portugal.....	116			Calif.,* Md., Minn., N. Y., Oreg., Pa., Tex., Wash.
<i>Bruchus lentis</i> Froh. (Bruchidae):					
<i>Lens culinaris</i> (lentil).....	Egypt.....		1		N. Y.
<i>Bruchus luteicornis</i> Ill. (Bruchidae):					
<i>Vicia</i> sp. (vetch).....	Argentina.....	1			P. R.
<i>Calendra incurrens</i> (Gyll.) (Curculionidae):					
<i>Saccharum officinarum</i> (sugarcane).....	Mexico.....	1			Tex.
<i>Callarctia proxima aetholea</i> Bdv. (Arctiidae):					
<i>Solanum melongena</i> (eggplant).....	do.....	1			Ariz.
<i>Callosobruchus chinensis</i> (L.) (Bruchidae):					
<i>Cajanus cajan</i> (pigeonpea).....	Haiti, Puerto Rico.....			3	D. C., N. J., N. Y.
<i>Cicer arietinum</i> (chickpea).....	India, Tanganyika.....		1	1	D. C., N. Y.
<i>Oryza sativa</i> (paddy rice).....	India.....			1	N. Y.
<i>Callosobruchus maculatus</i> (F.) (Bruchidae):					
Bean.....	Jamaica, Mexico.....	2			N. Y., Tex.
<i>Capsicum frutescens</i> (pepper).....	Mexico.....	1			Tex.
<i>Cicer arietinum</i> (chickpea).....	do.....	27			Ariz., Tex.
<i>Coffea</i> sp. (coffee).....	do.....	1			Tex.
<i>Phaseolus</i> sp. (string bean).....	do.....	1			Tex.
<i>Vigna sinensis</i> (cowpea).....	Arabia, Iraq.....			2	N. J., N. Y.
<i>Callosobruchus phaseoli</i> (Boh.) (Bruchidae):					
<i>Dolichos lablab</i>	Brazil.....			1	D. C.

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<i>Carneocephala flaviceps</i> (Riley) (Cicadellidae):					
<i>Gardenia augusta</i> (Cape-jasmine)	Brazil	1			Tex.
<i>Carneocephala sagittifera</i> (Uhl.) (Cicadellidae):					
Daisy	do	1			Tex.
<i>Carpolonchaea pendula</i> Bezzi (Lonchaeidae):					
<i>Capsicum frutescens</i> (pepper)	Mexico	1			Ariz.
<i>Lycopersicon esculentum</i> (tomato)	Dominican Republic	1			P. R.
<i>Parmentiera edulis</i> (food candletree)	Mexico	1			Tex.
<i>Caryedes calderensis</i> (Sharp) (Bruchidae):					
Legume	Brazil			1	D. C.
<i>Caryedes jaspideus</i> (Er.) (Bruchidae):					
<i>Pachyrhizus erosus</i>	Peru			1	D. C.
<i>Caryedon fuscus</i> (Goeze) (Bruchidae):					
<i>Cassia brewsterii</i>	Australia			1	N. J.
<i>Caryopemon cruciger</i> (Steph.) (Bruchidae):					
<i>Abrus precatorius</i> (rosary-pea)	Union of South Africa	1			Calif.*
<i>Catolethrus longulus</i> Boh. (Curculionidae):					
<i>Ananas comosus</i> (pineapple)	Mexico	1			Tex.
<i>Catorama tabaci</i> Guer. (Anobiidae):					
<i>Ricinus communis</i> (castor bean)	do		2		Tex.
<i>Ceratitis capitata</i> (Wied.) (Tephritidae):					
<i>Capsicum frutescens</i> (pepper)	Portugal		1		Pa.
<i>Citrus paradisi</i> (grapefruit)	Australia, Palestine		3		Calif.,* Md.
<i>Citrus sinensis</i> (orange)	Africa, Portugal		2		Fla.* Pa.
<i>Mangifera indica</i> (mango)	Hawaii		1		Calif.*
<i>Ceratitis capitata</i> (Wied.) (?) (Tephritidae):					
<i>Citrus paradisi</i> (grapefruit)	Dutch Guiana		1		N. Y.
<i>Citrus sinensis</i> (orange)	Egypt		2		Md., Pa.
<i>Malus pumila</i> (apple)	Spain		1		N. Y.
<i>Ceratocapsus punctulatus</i> (Reuter) (Miridae):					
<i>Lactuca sativa</i> (lettuce)	Mexico	2			Tex.
<i>Ceratocombus vagans</i> McA. & M. (Dipso-coridae):					
Orchid	Canal Zone			1	Tex.
<i>Ceroastes rubens</i> Mask. (Coccidae):					
<i>Zingiber officinale</i> (ginger)	Hawaii	1			Calif.*
<i>Ceutorhynchus pleurostigma</i> Marsh. (Curculionidae):					
<i>Brassica napobrassica</i> (rutabaga)	England, Ireland		5		Pa.
<i>Brassica rapa</i> (turnip)	England		4		N. Y., Pa.
<i>Chaetopsis fulvifrons</i> (Macq.) (Ctidae):					
<i>Lycopersicon esculentum</i> (tomato)	Mexico	1			Ariz.
<i>Zea mays</i> (corn)	do	4			Tex.
<i>Chilo loftini</i> Dyar (Crambidae):					
<i>Saccharum officinarum</i> (sugarcane)	do	1			Ariz.
<i>Chilo simplex</i> (Btlr.) (?) (Crambidae):					
<i>Oryza sativa</i> (rice)	Spain	1			Oreg.
<i>Chirothrips manicatus</i> Hal. (Thripidae):					
Grass seed	Union of South Africa			1	D. C.
<i>Chrysomphalus albopictus</i> (Ckll.) (Coccidae):					
<i>Persea americana</i> (avocado)	Mexico	4			Tex.
<i>Tabernaemontana</i> sp	do			1	Tex.
<i>Chrysomphalus personatus</i> (Comst.) (Coccidae):					
<i>Citrus aurantifolia</i> (sour lime)	do		1		Calif.*
<i>Citrus sinensis</i> (orange)	Brazil		1		Fla.*
<i>Cocos nucifera</i> (coconut)	Guatemala		1		Calif.*
<i>Chrysomphalus umboniferus</i> (Newst.) (Coccidae):					
Bromeliaceae	Mexico			1	Calif.*
<i>Epidendrum atropurpureum</i> (orchid)	Guatemala			1	Calif.*
<i>Epidendrum stamfordianum</i>	do			1	Calif.*
<i>Laelia acuminata rosea</i> (orchid)	do			1	Calif.*
<i>Laelia superbiens</i>	do			3	Calif.*
<i>Musa paradisiaca sapientum</i> (banana)	Costa Rica, Panama	4			Calif.*
<i>Oncidium cavendishianum</i> (orchid)	Guatemala			1	Calif.*
<i>Clytus arietis</i> (L.) (Cerambycidae):					
<i>Acer</i> sp. (maple)	England	1			N. Y.
<i>Ulmus</i> sp. (elm)	do	5			N. Y.
<i>Coccotrypes brassicaeovorus</i> Hopk. (Scolytidae):					
Unknown plant	Panama			1	La.

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<i>Coccotrypes dactyliperda</i> (F.) (Scolytidae):					
<i>Acrocomia media</i> (corozo).....	Portugal.....	1			N. Y.
<i>Ficus</i> sp.....	New Zealand.....		1		La.
<i>Phytelephas macrocarpa</i> (ivory nut).....	Portugal.....	1			N. Y.
<i>Rhopalosytis sapida</i> (palm).....	New Zealand.....		1		La.
<i>Trachycarpus excelsus</i> (palm).....	do.....		1		La.
<i>Coccotrypes rolliniae</i> Hopk. (Scolytidae):					
<i>Palmeria</i> sp.....	Brazil.....	1			D. C.
<i>Coccus viridis</i> (Green) (Coccidae):					
<i>Coffea</i> sp. (coffee).....	Soldier's mail.....	1			Fla.*
<i>Gardenia augusta</i> (Cape-jasmine).....	Canal Zone, Cuba, Dominican Republic, Puerto Rico, Venezuela.....	12			Fla.*
<i>Coleophora laricella</i> (Hbn.) (Coleophoridae):					
<i>Larix</i> sp. (larch).....	Canada.....	2			Mass.
<i>Colias eurytheme</i> Bdv. (Pieridae):					
<i>Medicago sativa</i> (alfalfa).....	Mexico.....	7			Tex.
<i>Portulaca</i> sp. (purslane).....	do.....	1			Tex.
<i>Colobicus marginatus</i> Latr. (Colydiidae):					
<i>Ipomoea batatas</i> (sweetpotato).....	Cuba.....		2		Pa., Tex.
<i>Conchaspis angraeci</i> Ckll. (Coccidae):					
Orchid.....	Trinidad.....	1			Fla.*
<i>Coninomus constrictus</i> (Gyll.) (Lathridiidae):					
<i>Quercus</i> sp. (acorn).....	Spain.....	1			Pa.
<i>Conoderus lividus</i> Deg. (Elateridae):					
<i>Lactuca sativa</i> (lettuce).....	Mexico.....	1			Tex.
<i>Conoderus respertinus</i> F. (Elateridae):					
<i>Gossypium</i> sp. (cotton) (plant).....	do.....		1		Tex.
<i>Conotrachelus aguacatae</i> Barber (Curculionidae):					
<i>Persea americana</i> (avocado).....	do.....	204			Tex.
<i>Conotrachelus integer</i> Csy. (Curculionidae):					
<i>Quercus</i> sp. (acorn).....	do.....	41			Tex.
<i>Conotrachelus leucophaeus</i> (Fahr.) (Curculionidae):					
<i>Dianthus</i> sp. (carnation).....	do.....	1			Tex.
<i>Conotrachelus perseae</i> Barber (Curculionidae):					
<i>Persea americana</i> (avocado).....	Guatemala.....	1			Tex.
<i>Conotrachelus seniculus</i> Lec. (Curculionidae):					
<i>Allium sativum</i> (garlic).....	Mexico.....	1			Tex.
<i>Capsicum frutescens</i> (pepper).....	do.....	1			Tex.
<i>Portulaca oleracea</i> (purslane).....	do.....	1			Ariz.
<i>Zea mays</i> (corn).....	do.....	1			Ariz.
<i>Conotrachelus subfasciatus</i> Boh. (Curculionidae):					
<i>Solanum melongena</i> (eggplant).....	do.....	3			Tex.
<i>Corcyra cephalonica</i> (Staint.) (Galleriidae):					
<i>Anthracista frezoulsi</i>	Sierra Leone.....	1			N. Y.
<i>Beta vulgaris</i> (beet).....	Cuba.....	1			La.
<i>Gossypium</i> sp. (cottonseed).....	Soldier's mail.....	1			Pa.
<i>Cordylomera spinicornis</i> (F.) (Cerambycidae):					
<i>Swietenia mahagoni</i> (mahogany).....	French West Africa.....	2			Pa.
<i>Cossonus parallelepipedus</i> (Hbst.) (Curculionidae):					
Soil around walnut logs.....	England.....	1			N. Y.
<i>Crocosema plebeiana</i> Zell. (Olethreutidae):					
<i>Hibiscus esculentus</i> (okra).....	Mexico.....	1			Tex.
<i>Cryptoblabes gnidiella</i> (Mill.) (Phycitidae):					
<i>Punica granatum</i> (pomegranate).....	Madeira Islands.....	1			Pa.
<i>Curculio q-griseae</i> Chtn. (Curculionidae):					
<i>Quercus</i> sp. (acorn).....	Mexico.....	66			Tex.
<i>Cylas formicarius</i> (F.) (Curculionidae):					
<i>Ipomoea batatas</i> (sweetpotato).....	India.....		1		Va.
<i>Cylas formicarius elegantulus</i> (Summers) (Curculionidae):					
<i>Ipomoea batatas</i> (sweetpotato).....	Australia, Bahamas, Brazil, Cuba, Dominican Republic, Jamaica, Mexico, Puerto Rico, Tahiti.....	26	23		Calif.*, Fla.*, La., Md., N. Y., Pa., P. R., Tex.
<i>Ipomoea</i> sp. (wild morning-glory).....	Mexico.....	1			Tex.

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<i>Cylas formicarius</i> , probably <i>elegantulus</i> (Summers) (Curculionidae): <i>Ipomoea batatas</i> (sweetpotato)-----	Brazil, Cuba, Haiti, Puerto Rico.	-----	13	-----	Ala., La., Md., N. Y., Pa., Tex.
<i>Cylas formicarius</i> , perhaps <i>formicarius</i> F. (Curculionidae): <i>Ipomoea batatas</i> (sweetpotato)-----	India-----	-----	2	-----	Pa., Va.
<i>Dacus cucurbitae</i> (Coq.) (Tephritidae): <i>Cucumis sativus</i> (cucumber)-----	Hawaii-----	-----	1	-----	Calif.*
<i>Phaseolus</i> sp. (string bean)-----	do-----	-----	1	-----	Calif.*
<i>Dacus oleae</i> Gmel. (Tephritidae): <i>Olea europaea</i> (olive)-----	Portugal-----	1	-----	-----	Pa.
<i>Dacus oleae</i> Gmel. (?) (Tephritidae): <i>Olea europaea</i> (olive)-----	Soldier's mail-----	1	-----	-----	N. Y.
<i>Dendrobiella aspera</i> (Lec.) (Bostrichidae): <i>Prosopis</i> sp. (mesquite)-----	Mexico-----	1	-----	-----	Calif.
<i>Dercynus micronyx</i> Champ. (Curculionidae): <i>Brownea grandiceps</i> (glory flamebean)-----	Trinidad-----	-----	1	-----	N. J.
<i>Dialeurodes chittendeni</i> Laing (?) (Aleyrodidae): <i>Rhododendron</i> sp.-----	England-----	-----	2	-----	N. J.
<i>Dialeurodes citri</i> (Ash.) (Aleyrodidae): <i>Gardenia augusta</i> (Cape-jasmine)-----	Cuba-----	-----	1	-----	Fla.*
<i>Dialeurodes citrifolii</i> (Morg.) (Aleyrodidae): <i>Citrus paradisi</i> (grapefruit)-----	do-----	1	-----	-----	Fla.*
<i>Citrus</i> sp.-----	Dominican Republic-----	1	-----	-----	Fla.*
<i>Diaphania hyalinata</i> (L.) (Pyraustidae): <i>Sechium edule</i> (chayote)-----	Mexico-----	1	-----	-----	Ariz.
<i>Diaphania nitidalis</i> (Stoll) (Pyraustidae): <i>Cucurbita maxima</i> (squash)-----	do-----	5	-----	-----	Ariz., Tex.
<i>Sechium edule</i> (chayote)-----	do-----	1	-----	-----	Tex.
<i>Diatraea grandiosella</i> Dyar (Crambidae): <i>Zea mays</i> (corn)-----	do-----	7	-----	-----	Tex.
<i>Diatraea saccharalis</i> (F.) (Crambidae): <i>Saccharum officinarum</i> (sugarcane)-----	do-----	2	-----	-----	Tex.
<i>Dinoderus bifoveolatus</i> (Woll.) (Bostrichidae): <i>Serjania mexicana</i> (barbasco)-----	Colombia, Peru-----	11	-----	-----	Ala., N. Y.
<i>Diorymerellus laevis</i> Champ. (Curculionidae): <i>Cyrtopodium punctatum</i> (orchid)-----	Guatemala-----	-----	1	-----	Calif.*
<i>Dorcus parallelipipedus</i> L. (Lucanidae): Soil around roots of walnut log-----	England-----	1	-----	-----	N. Y.
<i>Dorytomus luridus</i> (Mann.) (Curculionidae): <i>Salix discolor</i> (pussy willow)-----	British Columbia-----	1	-----	-----	Wash.
<i>Draeculacephala minerva</i> Ball (Cicadellidae): <i>Apium graveolens</i> (celery)-----	Mexico-----	1	-----	-----	Ariz.
<i>Drasterius livens</i> Lec. (Elateridae): <i>Lactuca sativa</i> (lettuce)-----	do-----	1	-----	-----	Calif.
<i>Lilium longiflorum</i> (Easter lily)-----	do-----	-----	1	-----	Tex.
<i>Drasterius scutellatus</i> Schfr. (Elateridae): With groceries-----	do-----	1	-----	-----	Tex.
<i>Drymus sylvaticus</i> (F.) (Lygaeidae): <i>Rhododendron</i> sp.-----	England-----	-----	1	-----	N. J.
<i>Dysdercus concinnus</i> Stal (Pyrrhocoridae): Mallow-----	Mexico-----	-----	1	-----	Tex.
<i>Elaphria agrotina</i> (Guen.) (Phalaenidae): <i>Ananas comosus</i> (pineapple)-----	do-----	1	-----	-----	Tex.
<i>Lycopersicon esculentum</i> (tomato)-----	do-----	1	-----	-----	Ariz.
<i>Elasmopalpus lignosellus</i> (Zell.) (Phycitidae): <i>Daucus carota sativa</i> (carrot)-----	do-----	1	-----	-----	Ariz.
<i>Phaseolus</i> sp. (string bean)-----	do-----	3	-----	-----	Tex.
<i>Empoasca fabae</i> (Harris) (Cicadellidae): <i>Lactuca sativa</i> (lettuce)-----	do-----	1	-----	-----	Tex.
<i>Empoasca nigra typhlocyboides</i> Gillette & Baker (Cicadellidae): <i>Artemisia</i> sp. (sagebrush)-----	do-----	1	-----	-----	Tex.
<i>Endrosia lacteella</i> (Schiff.) (Oecophoridae): <i>Dahlia</i> sp.-----	Australia-----	-----	1	-----	N. J.
<i>Epicaerus cognatus</i> Sharp (Curculionidae): <i>Solanum tuberosum</i> (potato)-----	Mexico-----	4	-----	-----	Tex.
<i>Epicauta albida</i> (Say) (Meloidae): <i>Ananas comosus</i> (pineapple)-----	do-----	1	-----	-----	Tex.
<i>Epidiaspis piricola</i> (Del Guer.) (Coccidae): <i>Persea americana</i> (avocado)-----	do-----	1	-----	-----	Tex.

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<i>Epilachna varivestis</i> Muls. (Coccinellidae):					
<i>Brassica</i> sp. (mustard)	Mexico	1			Tex.
<i>Medicago sativa</i> (alfalfa)	do	1			Tex.
<i>Phaseolus</i> sp. (string bean)	do	2			Tex.
<i>Raphanus sativus</i> (radish)	do	1			Tex.
<i>Epinotia opposita</i> Hein. (Olethreutidae):					
<i>Phaseolus</i> sp. (string bean)	do	53			Ariz., Tex.
<i>Epitrix fasciata</i> Blatch. (Chrysomelidae):					
<i>Lycopersicon esculentum</i> (tomato)	do	5			Ariz. Tex.
<i>Solanum melongena</i> (eggplant)	do	1			Tex.
<i>Solanum tuberosum</i> (potato)	do		1		Tex.
<i>Epitrix hirtipennis</i> (Melsh.) (Chrysomelidae):					
<i>Physalis</i> sp. (husk tomato)	do	1			Tex.
<i>Ereunetis flavistriata</i> (Walsm.) (Tineidae):					
<i>Cocos nucifera</i> (coconut)	Hawaii	5	2		Calif.*
<i>Estigmene acrea</i> (Drury) (Aretiidae):					
<i>Gladiolus</i> sp.	Mexico	1			Tex.
<i>Eucalandra setulosa</i> (Gyll.) (Curculionidae):					
Bamboo	do	1			Ariz.
<i>Eucalymnatus tessellatus</i> (Sign.) (Coccidae):					
<i>Gardenia augusta</i> (Cape-jasmine)	do	9			Tex.
<i>Eucnocerus anthrenoides</i> Sharp (Dermestidae):					
Cabin of airplane	Canal Zone		1		Tex.
<i>Eumecosomyia nubila</i> (Wied.) (Otitidae):					
<i>Zea mays</i> (corn)	Colombia, Mexico	131	3		Ariz., La., Tex.
<i>Eupodes volucris</i> O. S. (Syrphidae):					
<i>Chrysanthemum</i> sp.	Mexico	1			Tex.
<i>Euprops pallipennis</i> (Lec.) (Monotomidae):					
<i>Capsicum frutescens</i> (pepper)	do	1			Ariz.
<i>Eurycippia vestitus</i> Dist. (Miridae):					
<i>Epidendrum atropurpureum</i> (orchid)	Guatemala		1		Calif.*
<i>Laelia superbiens</i> (orchid)	do		1		Calif.*
<i>Odontoglossum bictoniense</i> (orchid)	do		1		Calif.*
<i>Odontoglossum grande</i>	do		1		Calif.*
<i>Oncidium cavendishianum</i> (orchid)	do		1		Calif.*
<i>Oncidium leucochilum</i>	do		1		Calif.*
<i>Oncidium splendidum</i>	do		1		Calif.*
Orchid	do		1		Calif.*
<i>Eurytoma orchidearum</i> (Westw.) (Eurytomidae):					
<i>Cattleya</i> sp. (orchid)	Venezuela		3		N. J.
<i>Eurytoma orchidearum</i> (Westw.) (?) (Eurytomidae):					
<i>Epidendrum</i> sp. (orchid)	Guatemala		1		Calif.*
<i>Euscepes postfasciatus</i> (Fairm.) (Curculionidae):					
<i>Dioscorea</i> sp.	Venezuela		1		Md.
<i>Ipomoea batatas</i> (sweetpotato)	Brazil, Cuba, Dutch Guiana, Martinique,		25		Ala., Ga., La., Md., N. Y., Pa., D. C.
<i>Ipomoea</i> sp.	Brazil		1		
<i>Euzesta notata</i> (Wied.) (Otitidae):					
<i>Chrysanthemum</i> sp.	Mexico	1			Tex.
<i>Solanum tuberosum</i> (potato)	do		1		Tex.
<i>Euzesta stigmatias</i> Loew (Otitidae):					
<i>Zea mays</i> (corn)	do	16			Ariz., Tex.
<i>Eveges comyntas</i> (Godart) (Lycaenidae):					
<i>Phaseolus</i> sp. (string bean)	do	9			Tex.
<i>Evergestis rimosalis</i> (Gn.) (Pyraustidae):					
<i>Brassica oleracea botrytis</i> (cauliflower)	do	2			Tex.
<i>Brassica oleracea capitata</i> (cabbage)	do	2			Tex.
<i>Brassica rapa</i> (turnip)	do	1			Tex.
<i>Brassica</i> sp. (mustard)	do	2			Tex.
Vegetables	do	1			Tex.
<i>Exptochiamera minima</i> (Guer.) (Lygaeidae):					
<i>Allium sativum</i> (garlic)	do	1			Tex.
<i>Ananas comosus</i> (pineapple)	do	1			Tex.
<i>Chrysanthemum parthenium</i> (feverfew)	do	1			Tex.
Daisy	do	1			Tex.
<i>Gossypium</i> sp. (cotton)	do		1		Tex.
Herb	do		1		Tex.
<i>Persea americana</i> (avocado)	do	2			Tex.

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<i>Empoasca oblona</i> (Stal) (Lygaeidae):					
Daisy -----	Puerto Rico, Trinidad, Venezuela.	1			Tex.
Herb -----	do.	1			Tex.
<i>Lycopersicon esculentum</i> (tomato) -----	do.	1			Ariz.
<i>Flatoides fuscus</i> VanDuzee (Fulgoridae):					
<i>Lycopersicon esculentum</i> (tomato) -----	do.	1			Ariz.
<i>Forficula auricularia</i> L. (Forficulidae):					
<i>Secale cereale</i> (rye) -----	Portugal	1			Pa.
<i>Frankliniella brattleyi</i> Wats. (Thripidae):					
<i>Polianthes</i> sp. -----	Mexico			1	Tex.
<i>Frankliniella difficilis</i> Hood (Thripidae):					
<i>Rosa</i> sp. -----	Honduras, Venezuela	2			Fla.*
<i>Frankliniella fortissima</i> Pr. (Thripidae):					
<i>Lathyrus odoratus</i> (sweetpea) -----	Guatemala	1			La.
<i>Lycopersicon esculentum</i> (tomato) -----	Mexico	3			Ariz.
<i>Frankliniella insularis</i> (Frankl.) (Thripidae):					
<i>Gardenia augusta</i> (Cape-jasmine) -----	Dominican Republic		1		P. R.
<i>Frankliniella tritici</i> (Fitch) (Thripidae):					
<i>Rosa</i> sp. -----	Canada			1	N. J.
<i>Frankliniella williamsi</i> Hood (Thripidae):					
Palm -----	Mexico	1			Tex.
<i>Frankliniella vespiformis</i> (Crawf.) (Aeolothripidae):					
<i>Vitis</i> sp. (grape) -----	do.	1			Tex.
<i>Fulvius peregrinator</i> Kirk. (Miridae):					
Airplane -----	South Pacific		1		Hawaii*
<i>Furcaspis bifurmis</i> (Ckll.) (Coccidae):					
<i>Brassavola nodosa</i> (orchid) -----	Canal Zone			1	Calif.*
<i>Brassavola</i> sp. -----	Soldier's mail			1	Tex.
<i>Cattleya skinneri</i> (orchid) -----	Costa Rica			1	Calif.*
<i>Cattleya</i> sp. -----	Colombia, Venezuela			4	N. J.
<i>Epidendrum atropurpureum</i> (orchid) -----	Trinidad			1	N. J.
<i>Epidendrum</i> sp. -----	Canal Zone			1	Tex.
<i>Oncidium lanceanum</i> (orchid) -----	Panama			1	Tex.
<i>Oncidium</i> sp. -----	Canal Zone, Trinidad			2	N. J., Tex.
Orchid -----	Colombia, Trinidad, Venezuela.	2		2	Fla.,* N. J.
<i>Gnorimoschema gudmannella</i> (Wlsm.) (Gelechiidae):					
<i>Capsicum frutescens</i> (pepper) -----	Mexico	10			Ariz., Tex.
<i>Gnorimoschema lavernella</i> (Chamb.) (Gelechiidae):					
<i>Physalis</i> sp. (husk tomato) -----	do.	1			Tex.
<i>Grapholitha packardii</i> Zell. (Olethreutidae):					
<i>Cydonia oblonga</i> (quince) -----	do.	4			Tex.
<i>Haplothrips gowdeyi</i> (Frankl.) (Phlaeothripidae):					
<i>Dianthus</i> sp. (carnation) -----	Guatemala	2			La., Tex.
<i>Heliodines bella</i> Chamb. (Heliocinidae):					
<i>Portulaca oleracea</i> (purslane) -----	Mexico	88			Ariz., Calif., Tex.
<i>Rorippa nasturtium-aquaticum</i> (watercress) -----	do.	1			Tex.
<i>Heliothis subflera</i> (Gn.) (Phalaenidae):					
<i>Cajanus cajan</i> (gandule) -----	Bahamas	1			N. Y.
<i>Physalis</i> sp. (husk tomato) -----	Mexico	19			Tex.
<i>Hellula phidilealis</i> (Wlk.) (Pyraustidae):					
<i>Brassica hirta</i> (white mustard) -----	do.	34			Calif.
<i>Brassica oleracea acephala</i> (collard) -----	Cuba		1		La.
<i>Hellula undalis</i> (F.) (Pyraustidae):					
<i>Brassica hirta</i> (white mustard) -----	Mexico	2			Calif.
<i>Brassica oleracea capitata</i> (cabbage) -----	do.	2			Tex.
<i>Brassica rapa</i> (turnip) -----	do.	4			Calif.
<i>Brassica</i> sp. (mustard) -----	do.	2			Tex.
<i>Raphanus sativus</i> (radish) -----	do.	1			Tex.
<i>Hercinothrips femoralis</i> (Reut.) (Thripidae):					
<i>Cymbidium</i> sp. (orchid) -----	England		1		N. J.
<i>Heterobostrychus aequalis</i> (Waterh.) (Bostriichidae):					
In package containing woolen scarf and excelsior -----	Sailor's mail	1			Pa.
<i>Oryza sativa</i> (rice) -----	Soldier's mail	1			N. Y.
Wood -----	India, soldier's mail	3			Minn., N. Y.

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<i>Heterobostrychus pileatus</i> Les. (Bostrichidae):					
<i>Gossypium</i> sp. (cotton) (lint)	India	1			Pa.
<i>Homalodisca triquetra</i> (F.) (Cicadellidae):					
<i>Ananas comosus</i> (pineapple)	Mexico	1			Tex.
<i>Homocosoma electellum</i> (Hulst.) (Phycitidae):					
<i>Chrysanthemum</i> sp.	do.	1			Tex.
<i>Holymeria histria</i> (F.) (Coreidae):					
<i>Ananas comosus</i> (pineapple)	do.	1			Tex.
<i>Hypnoidus riparius</i> F. (Elateridae):					
Sod in sand ballast	England, Iceland	2			N. Y.
<i>Hypsipyla grandella</i> (Zell.) (Phycitidae):					
<i>Cedrela</i> sp.	Brazil	1			N. Y.
<i>Iridomyrmex disperitius</i> For. (Formicidae):					
Orchid	Mexico			1	Tex.
<i>Iridomyrmex humilis</i> Mayr (Formicidae):					
Airplane	South Pacific		1		Hawaii.*
<i>Iridomyrmex iniquus</i> Mayr (Formicidae):					
<i>Cattleya</i> sp. (orchid)	Colombia			1	P. R.
<i>Iridomyrmex iniquus nigella</i> Em. (Formicidae):					
<i>Cattleya</i> sp. (orchid)	Venezuela			1	N. J.
<i>Epidendrum atropurpureum</i> (orchid)	Guatemala			1	Calif.*
<i>Epidendrum ciliare</i>	do.			1	Calif.*
<i>Epidendrum nemorale</i>	do.			1	Calif.*
<i>Laelia rubescens</i> (orchid)	do.			1	Calif.*
<i>Odontoglossum bicktoniense</i> (orchid)	do.			1	Calif.*
<i>Odontoglossum grande</i>	do.			1	Calif.*
<i>Oncidium cavendishianum</i> (orchid)	do.			2	Calif.*
<i>Oncidium leucochilum</i>	do.			1	Calif.*
<i>Oncidium splendendum</i>	do.			1	Calif.*
Orchid	Guatemala, Mexico			4	Calif.*
<i>Sobralia macrantha</i> (orchid)	Guatemala			1	Calif.*
<i>Laspyresia leguminis</i> Heinrich (Olethreutidae):					
<i>Phaseolus</i> sp. (string bean)	Mexico	2			Ariz., Tex.
<i>Laspyresia splendana</i> (Hbn.) (Olethreutidae):					
<i>Castanea</i> sp. (chestnut)	Portugal	6			Pa.
<i>Quercus</i> sp. (oak)	Algeria			1	N. J.
<i>Laspyresia youngana</i> (Kearf.) (?) (Olethreutidae):					
<i>Picea</i> sp. (spruce)	British Columbia			2	Wash.
<i>Leperisinus frazini</i> Panz. (Scolytidae):					
<i>Frazinus</i> sp. (ash)	England	3			N. Y.
<i>Lepidosaphes chinensis</i> Chamb. (Coccidae):					
<i>Epidendrum atropurpureum</i> (orchid)	Costa Rica			1	Calif.*
<i>Lepidosaphes philococcus</i> (Ckll.) (Coccidae):					
Cactus	Mexico			1	Tex.
<i>Lepidosaphes tokionis</i> (Kuw.) (Coccidae):					
<i>Codiaeum variegatum</i> (croton)	Hawaii			1	Calif.*
<i>Lepidosaphes tuberculata</i> Malen. (Coccidae):					
<i>Cymbidium giganteum</i> (orchid)	Australia			1	Wash.
<i>Cymbidium</i> sp.	England			3	N. J.
<i>Leucaspis cockerelli</i> (de Charmoy) (Coccidae):					
<i>Lycaste</i> sp. (orchid)	Colombia			1	Calif.*
Orchid	Soldier's mail			2	Wash.
<i>Leucinodes elegantalis</i> Gn. (Pyraustidae):					
<i>Lycopersicon esculentum</i> (tomato)	Mexico	100			Tex.
<i>Solanum melongena</i> (eggplant)	do.	4			Tex.
<i>Leucopoeila albofasciata</i> Reuter (Miridae):					
<i>Lactuca sativa</i> (lettuce)	do.	2			Ariz., Tex.
<i>Portulaca oleracea</i> (purslane)	do.	1			Tex.
<i>Ligyrocoris abdominalis</i> (Guerlin) (Lygaeidae):					
<i>Lactuca sativa</i> (lettuce)	do.	1			Tex.
<i>Lycopersicon esculentum</i> (tomato)	do.	1			Tex.
<i>Ligyrocoris aurivilliana</i> (Dist.) (Lygaeidae):					
<i>Fragaria</i> sp. (strawberry)	do.	1			Tex.
<i>Physalis</i> sp. (husk tomato)	do.	1			Tex.
<i>Punica granatum</i> (pomegranate)	do.	1			Ariz.
<i>Lineodes integra</i> (Zell.) (Pyraustidae):					
<i>Lycopersicon esculentum</i> (tomato)	do.	3			Ariz.
<i>Liothrips vaneeckei</i> Pr. (Thripidae):					
<i>Lilium</i> sp. (lily)	British Columbia			1	Wash.

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<i>Liriomyza pusilla</i> (Meig.) (Agromyzidae):					
<i>Lycopersicon esculentum</i> (tomato).....	Mexico.....	1			Ariz.
<i>Medicago sativa</i> (alfalfa).....	do.....	1			Tex.
<i>Listronotus oregonensis</i> Lec. (Curculionidae):					
<i>Daucus carota sativa</i> (carrot).....	do.....	9			Tex.
<i>Listronotus scapularis</i> Csy. (Curculionidae):					
Groceries.....	do.....	1			Tex.
<i>Listrus semilis</i> (Lec.) (Dasytidae):					
Miscellaneous flowers.....	Guatemala, Mexico.....	2			Tex.
Orchid.....	Mexico.....	1			Tex.
<i>Lithophorus ornatus</i> Arrow (Colydiidae):					
<i>Prosopis</i> sp. (mesquite).....	do.....		1		Tex.
<i>Lorita abornana chatka</i> Busck (Phalonidae):					
<i>Capsicum frutescens</i> (pepper).....	do.....	1			Ariz.
<i>Lygaeus circumpectatus</i> Dist. (Lygaeidae):					
<i>Tillandsia</i> sp.....	do.....			1	Tex.
<i>Lygaeus kalmii</i> Stal (Lygaeidae):					
<i>Lycopersicon esculentum</i> (tomato).....	do.....	1			Tex.
<i>Lygaeus pulchellus</i> (F.) (Lygaeidae):					
<i>Tillandsia</i> sp.....	do.....			1	Tex.
<i>Lygaeus uhleri</i> Stal (Lygaeidae):					
<i>Zea mays</i> (corn).....	do.....	1			Ariz.
<i>Lygaeus vittiscutis</i> Stal (Lygaeidae):					
Soil around plants.....	do.....	1			Tex.
<i>Lygus oblineatus</i> (Say) (Miridae):					
<i>Brassica rapa</i> (turnip).....	do.....	1			Tex.
<i>Brassica</i> sp. (mustard).....	do.....	1			Tex.
<i>Lactuca sativa</i> (lettuce).....	do.....	4			Tex.
<i>Lygus sallei</i> Stal (Miridae):					
<i>Lactuca sativa</i> (lettuce).....	do.....	1			Tex.
<i>Macrosteles divinus</i> (Uhl.) (Cicadellidae):					
<i>Lactuca sativa</i> (lettuce).....	do.....	2			Tex.
<i>Magdalis armigera</i> (Geoff.) (Curculionidae):					
<i>Ulmus</i> sp. (elm).....	England.....	5			N. Y.
<i>Maruca testulalis</i> (Geyer) (Pyraustidae):					
Airplane.....	South Pacific.....		1		Hawaii.*
<i>Phaseolus</i> sp. (string bean).....	Brazil, Hawaii, New Caledonia, Puerto Rico.....		6		Ala., Calif., *La., N. Y.
<i>Megacerus leucosomus</i> (Sharp) (Bruchidae):					
<i>Ipomoea</i> sp.....	Mexico.....			1	D. C.
<i>Metamasius sericeus</i> (Latr.) (Curculionidae):					
<i>Musa paradisiaca sapientum</i> (banana).....	Costa Rica.....	3			Calif.*
<i>Micracisella opacithorax</i> (Schedl) (Scolytidae):					
<i>Lycopersicon esculentum</i> (tomato).....	Mexico.....	1			Tex.
<i>Micrapate dinoderoides</i> (Horn) (Bostrichidae):					
Groceries.....	do.....	1			Tex.
<i>Micrapate labialis</i> Lesne (Bostrichidae):					
Wood.....	do.....	6			Ariz., Wash.
<i>Milichilla lacteipennis</i> (Loew) (Agromyzidae):					
Airplane.....	South Pacific.....		1		Hawaii.*
<i>Moneilema opuntiae</i> Fisher (Cerambycidae):					
<i>Mammillaria semperivi</i> (cactus).....	Mexico.....			1	Tex.
<i>Moodna bisinuella</i> Hemp. (Phycitidae):					
<i>Zea mays</i> (corn).....	do.....	16			Tex.
<i>Mordellistena cattleyana</i> Champ. (Mordellidae):					
<i>Cattleya gigas</i> (orchid).....	Colombia.....			1	Calif.*
<i>Cattleya</i> sp.....	do.....			3	N. J.
<i>Mordellistena conformis</i> Sm. (Mordellidae):					
<i>Lactuca sativa</i> (lettuce).....	Mexico.....	1			Tex.
<i>Morganella longispina</i> (Morg.) (Coccidae):					
<i>Citrus sinensis</i> (orange).....	Australia.....		1		Calif.*
Unidentified plant.....	India.....	1			Calif.*
<i>Myodocha longicollis</i> Stal (Lygaeidae):					
Airplane.....	Mexico.....		1		Tex.
<i>Nabis alternatus</i> Parsh. (Nabidae):					
<i>Lactuca sativa</i> (lettuce).....	do.....	1			Tex.
<i>Medicago sativa</i> (alfalfa).....	do.....	1			Tex.
<i>Nasutitermes costaricensis</i> Holmgr. (Termitidae):					
<i>Sweetenia mahagoni</i> (mahogany).....	Nicaragua.....	1			Calif.*
<i>Neoclytus caccus</i> (Chev.) (Cerambycidae):					
<i>Guajacum officinale</i> (lignum vitae).....	Cuba.....	1			N. Y.

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<i>Neodryocoetes exquisitus</i> Blkm. (Scolytidae): Wood	Mexico	1			Wash.
<i>Neokolla gothica</i> (Sign.) (Cicadellidae): <i>Lactuca sativa</i> (lettuce)	do.	1			Tex.
<i>Notogramma stigma</i> (F.) (Otitidae): <i>Physalis</i> sp. (husk tomato)	do.	1			Tex.
<i>Solanum tuberosum</i> (potato)	do.		1		Tex.
<i>Nysius minutus</i> Uhler (Lygaeidae): <i>Anthemis cotula</i> (dogfennel)	do.	3			Tex.
<i>Beta vulgaris</i> (beet)	do.	17			Tex.
<i>Beta vulgaris cicla</i> (Swiss chard)	do.	2			Tex.
<i>Brassica rapa</i> (turnip)	do.	28			Tex.
<i>Brassica</i> sp. (mustard)	do.	18			Tex.
<i>Daucus carota sativa</i> (carrot)	do.	1			Tex.
<i>Lactuca sativa</i> (lettuce)	do.	7			Tex.
<i>Lycopersicon esculentum</i> (tomato)	do.	1			Tex.
<i>Petroselinum crispum</i> (parsley)	do.	2			Tex.
<i>Portulaca oleracea</i> (purslane)	do.	18			Tex.
<i>Raphanus sativus</i> (radish)	do.	23			Tex.
<i>Vanilla</i> sp. (orchid)	do.			1	Tex.
<i>Nysius monticola</i> Dist. (Lygaeidae): <i>Petroselinum crispum</i> (parsley)	do.	1			Tex.
<i>Nysius nigriscutellatus</i> Usinger (Lygaeidae): Airplane	South Pacific		1		Hawaii.*
<i>Odontoloxozus longicornis</i> (Coq.) (Tyldidae): <i>Lycopersicon esculentum</i> (tomato)	Mexico	1			Ariz.
<i>Oligotichus discretus</i> (Champ.) (Curculionidae): <i>Dianthus</i> sp. (carnation)	do.	1			Tex.
<i>Oligembia nigrina</i> Ross (Oligembiidae): <i>Cattleya</i> sp. (orchid)	Trinidad			1	N. J.
<i>Oplomus pulcher</i> Dall. (Pentatomidae): <i>Tillandsia</i> sp.	Mexico			1	Tex.
<i>Opsiurus stactogalus</i> (Fieb.) (Cicadellidae): <i>Lactuca sativa</i> (lettuce)	do.	1			Tex.
<i>Lycopersicon esculentum</i> (tomato)	do.	1			Calif.
<i>Rosa</i> sp.	do.			1	Tex.
<i>Orthognathus subparallelus</i> (Chev.) (Curculionidae): <i>Musa paradisiaca sapientum</i> (banana)	do.	1			Tex.
<i>Oryzrenus hyalinipennis</i> Costa (Lygaeidae): <i>Convolvulus</i> sp.	Brazil			1	D. C.
<i>Orydema fusiforme</i> Woll. (Curculionidae): Airplane	South Pacific			2	Hawaii*
<i>Pachybrachius bilobatus</i> (Say) (Lygaeidae): <i>Lycopersicon esculentum</i> (tomato)	Mexico	2			Ariz.
<i>Pachybrachius nigriceps</i> (Dallas) (Lygaeidae): Airplane	Johnston Island, South Pacific			3	Hawaii*
<i>Pachybrachius vinctus</i> (Say) (Lygaeidae): <i>Ananas comosus</i> (pineapple)	Mexico	1			Tex.
<i>Palaeopus costicollis</i> Marsh. (Curculionidae): <i>Dioscorea</i> sp. (yam)	Venezuela			2	Md.
<i>Ipomoea batatas</i> (sweetpotato)	Haiti, Jamaica			2	N. Y.
<i>Pantomorus godmani</i> Crotch (Curculionidae): Palm	Madeira Islands			1	Pa.
<i>Polianthes tuberosa</i> (tuberose)	Mexico	1			Tex.
<i>Parlatoria cinerea</i> D. & H. (Coccidae): <i>Citrus aurantifolia</i> (sour lime)	Colombia			1	Calif.*
<i>Citrus paradisi</i> (grapefruit)	Argentina, Honduras			2	Calif.,* Fla.*
<i>Citrus sinensis</i> (orange)	Argentina, Brazil			4	Calif.,* Fla.*
<i>Parlatoria oleae</i> (Colvee) (Coccidae): <i>Rosa</i> sp.	Iran	1			Fla.*
<i>Parlatoria ziziphus</i> (Lucas) (Coccidae): <i>Citrus reticulata</i> (tangerine)	Algeria			1	Pa.
<i>Citrus sinensis</i> (orange)	Algeria, Brazil			4	Fla.,* N. Y., Pa.
<i>Paromitus longulus</i> (Dallas) (Lygaeidae): <i>Allium cepa</i> (onion)	Mexico			1	La.
<i>Parthenothrips dracaenae</i> (Heeger) (Thripidae): <i>Cymbidium</i> sp. (orchid)	England			2	N. J.

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<i>Pealius hibisci</i> (Kot.) (Aleyrodidae): <i>Hibiscus</i> sp.	Hawaii			1	Calif.*
<i>Pectinophora gossypiella</i> (Saund.) (Gelechiidae): <i>Gossypium</i> sp. (cottonseed)	Argentina, Dominican Republic, Hawaii, India, Mexico, Puerto Rico, St. Vincent, Sicily (soldier's mail), soldiers' mail, Mediterranean area (soldier's mail).	8	1	4	Calif., D. C., Md., Minn., N. J., N. Y., Pa., P. R., Tex.
<i>Gossypium</i> sp. (cotton) (boll)	Mexico	1			Tex.
<i>Gossypium</i> sp. (seed cotton)	Mexico, Sicily (?) (soldier's mail), soldier's mail.	6			N. Y., Tex.
<i>Hibiscus esculentus</i> (okra)	Mexico	1			Tex.
<i>Phenacaspis pinifoliae</i> (Fitch) (Coccidae): <i>Pinus</i> sp. (pine)	Canada	1		1	Mich., Minn.
<i>Phenococcus gossypii</i> Towns. & Ckll. (Coccidae): <i>Chrysanthemum parthenium</i> (feverfew)	Mexico	1			Tex.
Daisy	do	1			Tex.
<i>Pelargonium</i> sp. (geranium)	do	1		1	Ariz., Tex.
<i>Phenacoccus solani</i> Ferris (Coccidae): <i>Lycopersicon esculentum</i> (tomato)	Hawaii		1		Calif.*
<i>Philophylla heraclei</i> (L.) (Tephritidae): <i>Apium graveolens</i> (celery)	England		1		N. Y.
<i>Phloeotribus scarabaeoides</i> (Bern.) (Scolytidae): Wood	Portugal	4			La.
<i>Phyllophaga vetula</i> (Horn) (Scarabaeidae): <i>Chrysanthemum</i> sp.	Mexico			1	Ariz.
<i>Phyllotreta pusilla</i> Horn (Chrysomelidae): <i>Brassica hirta</i> (white mustard)	do	1			Calif.
<i>Phymata fasciata</i> (Gray) (Phymatidae): Daisy	do	1			Tex.
<i>Pinnaspis buzi</i> (Bouche) (Coccidae): <i>Cocos nucifera</i> (coconut)	Hawaii			1	Calif.*
<i>Pinnaspis townsendi</i> (Ckll.) (Coccidae): <i>Cymbidium</i> sp. (orchid)	Canal Zone			1	Tex.
<i>Pityophthorus cribratus</i> Blkm. (Scolytidae): <i>Pinus</i> sp. (pine)	Mexico	4			Tex.
<i>Placosternus difficilis</i> (Chevr.) (Cerambycidae): <i>Ananas comosus</i> (pineapple)	do	1			Tex.
<i>Plagiometriona diversicollis</i> (Schaeff.) (Chrysomelidae): <i>Capsicum frutescens</i> (pepper)	do	1			Ariz.
<i>Daucus carota sativa</i> (carrot)	do	1			Ariz.
<i>Plateumaris sericea</i> (L.) (Chrysomelidae): <i>Azalea</i> sp.	England			1	N. J.
<i>Platynota rostrana</i> (Wlk.) (Tortricidae): <i>Lycopersicon esculentum</i> (tomato)	Mexico	11			Tex.
<i>Rosa</i> sp.	do	1			Tex.
<i>Platynota stultana</i> (Wlsm.) (Tortricidae): <i>Capsicum frutescens</i> (pepper)	do	94			Ariz.
<i>Lycopersicon esculentum</i> (tomato)	do	18			Ariz., Tex.
<i>Phaseolus</i> sp. (string bean)	do	1			Tex.
<i>Pnyxia scabiei</i> (Hopk.) (Fungivoridae): <i>Lilium tigrinum</i> (tiger lily)	do		1		Tex.
<i>Lilium</i> sp. (lily)	do		1		Tex.
<i>Podisus acutissimus</i> Stal (Pentatomidae): <i>Citrus</i> sp.	do		1		Tex.
<i>Poronotus constrictus</i> (Stal) (Anthracoridae): <i>Khaya</i> sp.	Gold Coast	1			Md.
<i>Lilium longiflorum</i> (Easter lily)	Mexico			1	Tex.
<i>Prodenia dolichos</i> (F.) (Phalaenidae): <i>Lycopersicon esculentum</i> (tomato)	do	6			Ariz.
<i>Prostephanus truncatus</i> (Horn) (Bostrichidae): <i>Zea mays</i> (corn)	Guatemala, Mexico	1		2	N. J., Tex.

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<i>Protopulvinaria pyriiformis</i> (Ckll.) (Coccidae):					
<i>Camellia japonica</i> (camellia).....	Trinidad.....			1	N. J.
Leaf.....	Mexico.....		1		Tex.
<i>Psammobius batesi</i> Arr. (Scarabaeidae):					
<i>Portulaca oleracea</i> (purslane).....	do.....	1			Calif.
<i>Pseudaonidia fimbriata</i> (Mask.) (Coccidae):					
Simaroubaceae.....	Australia.....	1			N. Y.
<i>Pseudaonidia trilobitiformis</i> (Green) (Coccidae):					
<i>Citrus limon</i> (lemon).....	Brazil.....	2			Fla.*
Leaf.....	Mexico.....		1		Tex.
<i>Mangifera indica</i> (mango).....	Brazil, Puerto Rico.....	2			N. Y.
<i>Pseudischcnaspis alienus</i> (Newst.) (Coccidae):					
<i>Cattleya skinneri</i> (orchid).....	Costa Rica.....			1	Calif.*
<i>Cattleya</i> sp.....	do.....			1	N. J.
<i>Epidendrum aurantiacum</i> (orchid).....	Guatemala.....			1	Calif.*
<i>Laelia acuminata</i> (orchid).....	do.....			1	Calif.*
<i>Laelia</i> sp.....	Mexico.....			1	Tex.
Orchid.....	Canal Zone.....			1	Tex.
<i>Pseudischcnaspis boureyi</i> (Newst.) (Coccidae):					
<i>Cattleya</i> sp. (orchid).....	Venezuela.....			1	N. J.
<i>Pseudococcus boninsis</i> (Kuw.) (Coccidae):					
<i>Saccharum officinarum</i> (sugarcane).....	Mexico.....	1			Tex.
<i>Pseudoparlatoria perparvula</i> Ferris (Coccidae):					
<i>Persea americana</i> (avocado).....	do.....	1			Tex.
<i>Psila rosae</i> (F.) (Psyllidae):					
<i>Daucus carota</i> sativa (carrot).....	England.....		1		N. Y.
<i>Psylla minor</i> Crawf. (Psyllidae):					
<i>Salix discolor</i> (pussywillow).....	Canada.....	1			Wash.
<i>Psylliodes chrysocephala</i> (L.) (Chrysomelidae):					
<i>Brassica rapa</i> (turnip).....	England.....		1		N. Y.
<i>Pteleobius vittatus</i> (F.) (Scolytidae):					
<i>Ulmus</i> sp. (elm).....	do.....	2			N. Y.
<i>Pulvinaria floccifera</i> (Westw.) (Coccidae):					
<i>Cymbidium</i> sp. (orchid).....	do.....			1	N. J.
<i>Lycaste skinneri</i> (orchid).....	do.....			1	N. J.
<i>Pulvinaria psidii</i> Mask. (Coccidae):					
<i>Gardenia augusta</i> (Cape-jasmine).....	Puerto Rico, Venezuela.....	2			Fla.*
<i>Renocis mexicanus</i> Blkm. (Scolytidae):					
Wood.....	Mexico.....	4			Ariz., Tex., Wash.
<i>Rhagoletis pomonella</i> (Walsh) (Tephritidae):					
<i>Malus pumila</i> (apple).....	do.....	1	1		Tex.
<i>Rhagoletis striatella</i> (Wulp) (Tephritidae):					
<i>Physalis</i> sp. (husk tomato).....	do.....	2			Tex.
<i>Rhizophagus* bipustulatus</i> (F.) (Rhizophagidae):					
<i>Quercus</i> sp. (oak).....	England.....	1			N. Y.
<i>Rhopalosiphoninus latysiphon</i> (David.) (Aphidae):					
<i>Potianthes</i> sp.....	Mexico.....			1	Tex.
<i>Rhyncolus longulus</i> Boh. (Curculionidae):					
<i>Dendrobium</i> sp. (orchid).....	Hawaii.....			1	Calif.*
<i>Lycopersicon esculentum</i> (tomato).....	do.....	1			Calif.*
<i>Ripersia palmarum</i> Ehrh. (Coccidae):					
<i>Cocos nucifera</i> (coconut).....	do.....	1	6		Calif.*
<i>Scaphytopius irroratus</i> (Van D.) (Cicadellidae):					
<i>Lactuca sativa</i> (lettuce).....	Mexico.....	1			Tex.
<i>Scatella seznotata</i> Cr. (Ephydriidae):					
Airplane.....	Midway, Palmyra Island, South Pacific.....		18		Hawaii.*
<i>Scolytus intricatus</i> Ratz. (Scolytidae):					
<i>Ulmus</i> sp. (elm).....	England.....	1			N. Y.
<i>Scolytus multistriatus</i> (Marsh.) (Scolytidae):					
<i>Ulmus</i> sp. (elm).....	do.....	2			N. Y.
<i>Scyphophorus acupunctatus</i> Gyll. (Curculionidae):					
<i>Agave victoriae-reginae</i>	Mexico.....			1	Tex.
<i>Simplocaria semistriata</i> (F.) (Byrrhidae):					
Sod in sand ballast.....	Scotland.....	1			N. Y.

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Insect and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Non-entry	Propagation	
<i>Sinoxylon anale</i> Lesne (Bostrichidae): Wooden crates.....	India.....	1	—	—	N. Y.
<i>Sisamnes contractus</i> Dist. (Lygaeidae): <i>Lactuca sativa</i> (lettuce).....	Mexico.....	1	—	—	Tex.
<i>Sitona lineata</i> (L.) (Curculionidae): Soil around lily plant.....	Canada.....	—	—	1	Wash.
<i>Sitona regensteinensis</i> (Hbst.) (Curculionidae): Soil.....	England.....	1	—	—	N. Y.
<i>Sizeonotus areolatus</i> Knight (Miridae): <i>Lactuca sativa</i> (lettuce).....	Mexico.....	1	—	—	Tex.
<i>Sizeonotus luteiceps</i> Reut. (Miridae): <i>Mammillaria compressa</i> (cactus).....	do.....	—	—	1	Tex.
<i>Mammillaria dietrichiae</i>	do.....	—	—	1	Tex.
<i>Mammillaria hahniana</i>	do.....	—	—	1	Tex.
<i>Mammillaria melispina</i>	do.....	—	—	1	Tex.
<i>Mammillaria craigii</i>	do.....	—	—	1	N. J.
<i>Mammillaria</i> sp.....	do.....	—	—	3	Tex.
<i>Stenoma catenifer</i> Wlsm. (Stenomidae): <i>Persea americana</i> (avocado).....	Costa Rica, Mexico.....	4	—	—	Tex.
<i>Stephanoderes brasiliensis</i> Hopk. (Scolytidae): <i>Attalea</i> sp.....	Brazil.....	1	—	—	N. Y.
<i>Stephanoderes guatemalensis</i> Hopk. (Scolytidae): Orchid.....	Canal Zone.....	—	—	1	Tex.
<i>Sternochetus mangiferae</i> F. (Curculionidae): <i>Mangifera indica</i> (mango).....	Australia, Hawaii, India.....	3	2	3	Calif., La., Md.
<i>Stephanopachys rugosus</i> (Oliv.) (Bostrichidae): <i>Pinus</i> sp. (pine).....	Mexico.....	2	—	—	Tex.
<i>Stoeberhinus testaceus</i> Btl. (Gelechiidae): Airplane.....	South Pacific.....	—	3	—	Hawaii *
<i>Taeniothrips atratus</i> (Hal.) (Thripidae): <i>Tulipa</i> sp. (tulip).....	England.....	—	—	1	N. Y.
<i>Taeniothrips ericae</i> (Hal.) (Thripidae): <i>Calluna vulgaris</i> (heather).....	Scotland.....	3	—	—	Md., Minn., N. Y.
<i>Taeniothrips simplex</i> Morison (Thripidae): <i>Gladiolus</i> sp.....	Australia, New Zealand.....	—	—	2	Calif. *
<i>Talponia batesi</i> Hein. (Olethreutidae): <i>Annona cherimola</i> (cherimoya).....	Mexico.....	3	—	—	Tex.
<i>Talurus salvinii</i> (Jacoby) (Chrysomelidae): <i>Ananas comosus</i> (pineapple).....	do.....	1	—	—	Tex.
<i>Targionia bromeliae</i> ("Newst." Leon.) (Coccidae): <i>Ananas comosus</i> (pineapple).....	do.....	3	—	—	Ariz.
<i>Targionia hartii</i> (Ckll.) (Coccidae): <i>Dioscorea</i> sp. (yam).....	Canal Zone, Cuba, Panama.....	1	3	—	Calif., * Fla., * Hawaii *
<i>Zingiber officinale</i> (ginger).....	Cuba, Fiji Islands.....	1	1	—	Calif., * Fla. *
<i>Targionia sacchari</i> (Ckll.) (Coccidae): <i>Saccharum officinarum</i> (sugarcane).....	Cuba.....	—	3	—	Fla., * Md., Pa.
<i>Teleonemia nigrina</i> Champ. (Tingitidae): <i>Rosa</i> sp.....	Mexico.....	1	—	—	Tex.
<i>Tenthecoris bicolor</i> Scott (Miridae): <i>Cattleya</i> sp. (orchid).....	Venezuela.....	—	—	4	N. J.
<i>Tetraleurodes mori</i> (Q.) (Aleyrodidae): <i>Acer mexicanum</i>	Mexico.....	—	—	1	Ariz.
<i>Psidium guajava</i> (guava).....	do.....	1	—	—	Ariz.
Unknown leaf.....	do.....	1	—	—	Ariz.
<i>Tetraleurodes ursorum</i> (Ckll.) (Aleyrodidae): <i>Epigaea repens</i> (trailing arbutus).....	Canada.....	1	—	—	Mass.
<i>Rosa</i> sp.....	Mexico.....	1	—	—	Tex.
<i>Tetrapriocera longicornis</i> (Oliv.) (Bostrichidae): <i>Ananas comosus</i> (pineapple).....	do.....	1	—	—	Tex.
Wood.....	Cuba.....	1	—	—	Tex.
<i>Thyanta maculata</i> (F.) (Pentatomidae): <i>Zea mays</i> (corn).....	Mexico.....	1	—	—	Tex.
<i>Toxotrypana curvicauda</i> Gerst. (Tephritidae): <i>Carica papaya</i> (papaya).....	do.....	1	—	—	Ariz.
<i>Trialetrodes vaporariorum</i> (Westw.) (Aleyrodidae): Herb.....	do.....	1	—	—	Tex.
<i>Pelargonium graveolens</i> (rose geranium).....	do.....	1	—	—	Tex.

List of pests (insects) collected and reported, July 1, 1943, to June 30, 1944, incl.—Con.

Insect and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Non-entry	Propagation	
<i>Trialeurodes variabilis</i> (Q.) (Aleyrodidae): Acer mexicanum	Mexico			1	Ariz.
<i>Trialeurodes vitrinellus</i> Ckll. (Aleyrodidae): Leaf	do			1	N. J.
<i>Trichoplusia ni</i> (Hbn.) (Phalaenidae): Brassica oleracea capitata (cabbage)	do	1			Tex.
<i>Trichocoriza louisianae</i> Jaczewski (Corixidae): Lactuca sativa (lettuce)	do	1			Tex.
<i>Tychius sulcatus</i> Csy. (Curculionidae): Prosopis sp. (mesquite)	do		1		Tex.
<i>Valtissius diversus</i> (Dist.) (Lygaeidae): Lycopersicon esculentum (tomato)	do	1			Tex.
Physalis sp. (husk tomato)	do	1			Tex.
<i>Sobralia macrantha</i> (orchid)	Guatemala			1	Calif.*
<i>Vinsonia stellifera</i> (Westw.) (Coccidae): Cattleya skinneri (orchid)	Dominican Republic			1	N. J.
Cattleya sp.	Brazil (?)			1	N. J.
<i>Epidendrum</i> sp. (orchid)	Jamaica			1	N. J.
<i>Oncidium</i> sp. (orchid)	Canal Zone, Dominican Republic			2	N. J., Tex.
Orchid	South America (?)	1			Fla.*
<i>Wasmannia auropunctata</i> (Roger) (Formicidae): Musa paradisica sapientum (banana)	Guadeloupe	1			Md.
<i>Wasmannia rochai</i> Forel (Formicidae): Orchid	Canal Zone			2	Tex.
<i>Xyleborus confusus</i> Eich. (Scolytidae): Swietenia mahagoni (mahogany)	Nicaragua	1			Calif.*
<i>Xylton securifer</i> Lesne (Bostrichidae): Khaya sp.	Gold Coast	2			Md.
<i>Xylopertha crinitarsis</i> (Imb.) (Bostrichidae): Khaya sp.	do	4			Md.
<i>Zabrotes subfasciatus</i> (Boh.) (Bruchidae): Bean	Mexico	24			Ariz., Calif., Tex.
Capsicum frutescens (pepper)	do	1			Tex.
Coffea sp. (coffee)	do	1			Tex.
Portulaca oleracea (purslane)	do	1			Tex.

Hosts and insects

ABRUS:

Caryopemon cruciger (Coleoptera)

ACACIA:

Acanthoscelides dominicanus (Coleoptera)

ACER:

Bemisia inconspicua (Homoptera)

Clytus arietis (Coleoptera)

Tetraleurodes mori (Homoptera)

Trialeurodes variabilis (Homoptera)

ACHRAS:

Asterolecanium pustulans (Homoptera)

ACROCOMIA:

Coccotrypes dactyliperda (Coleoptera)

AGAVE:

Scyphophorus acupunctatus (Coleoptera)

ALLIUM CEPA:

Paromius longulus (Hemiptera)

ALLIUM SATIVUM:

Amphicerus cornutus (Coleoptera)

Conotrachelus seniculus (Coleoptera)

Exptochiomeria minima (Hemiptera)

ANANAS:

Acroleucus vicinialis (Hemiptera)

Alaus lusciosus (Coleoptera)

Alpheias conspirata (Lepidoptera)

Blissus leucopterus insularis (Hemiptera)

Catolethrus longulus (Coleoptera)

Elaphria agrotina (Lepidoptera)

Epicauda albida (Coleoptera)

Exptochiomeria minima (Hemiptera)

Homalodisca triquetra (Hemiptera)

ANANAS—Continued.

Holymeria histrio (Hemiptera)

Pachybrachius vinctus (Hemiptera)

Placosternus difficilis (Coleoptera)

Talorus salvini (Coleoptera)

Targionia bromeliae (Homoptera)

Tetrapriocera longicornis (Coleoptera)

ANNONA:

Aspidiotus herculeanus (Homoptera)

Talponia batesi (Lepidoptera)

ANTHEMIS:

Nysius minutus (Hemiptera)

ANTHOCLEISTA:

Corecra cephalonica (Lepidoptera)

APIUM:

Anuraphis apiifolia (Homoptera)

Draeculacephala minerva (Hemiptera)

Philophylla heraclei (Diptera)

ARACHIS:

Amphicerus cornutus (Coleoptera)

ARTEMISIA:

Empoasca nigra typhlocyboides (Hemiptera)

ATTALEA:

Stephanoderes brasiliensis (Coleoptera)

AZALEA:

Platemarkis sericea (Coleoptera)

BAMBOO:

Amphicerus cornutus (Coleoptera)

Asterolecanium mliaris robustum (Homoptera)

Eucalandra setulosa (Coleoptera)

Hosts and insects—Continued

BEAN:

- Callosobruchus maculatus* (Coleoptera)
- Zabrotes subfasciatus* (Coleoptera)

BETA VULGARIS:

- Coryra cephalonica* (Lepidoptera)
- Nysius minimus* (Hemiptera)

BETA VULGARIS CICLA:

- Nysius minimus* (Hemiptera)

BRASSAVOLA. See Orchidaceae

BRASSICA HIRTA:

- Hellula phidilealis* (Lepidoptera)
- Hellula undalis* (Lepidoptera)
- Phyllotreta pusilla* (Coleoptera)

BRASSICA NAPOBRASSICA:

- Ceutorhynchus pleurostigma* (Coleoptera)

BRASSICA OLERACEA ACEPHALA:

- Hellula phidilealis* (Lepidoptera)

BRASSICA OLERACEA BOTRYTIS:

- Ergestis rimosalis* (Lepidoptera)

BRASSICA OLERACEA CAPITATA:

- Autographa brassicae* (Lepidoptera)
- Ergestis rimosalis* (Lepidoptera)
- Hellula undalis* (Lepidoptera)
- Trichoplusia ni* (Lepidoptera)

BRASSICA RAPA:

- Ceutorhynchus pleurostigma* (Coleoptera)
- Ergestis rimosalis* (Lepidoptera)
- Hellula undalis* (Lepidoptera)
- Lugus oblineatus* (Hemiptera)
- Nysius minimus* (Hemiptera)
- Psylliodes chrysocephala* (Coleoptera)

BRASSICA SP. (mustard)

- Epitachna varinestis* (Coleoptera)
- Ergestis rimosalis* (Lepidoptera)
- Hellula undalis* (Lepidoptera)
- Lugus oblineatus* (Hemiptera)
- Nysius minimus* (Hemiptera)

BROMELIACEAE:

- Chrysomphalus umboniferus* (Homoptera)

BROWNEA:

- Dercynus micronyx* (Coleoptera)

CACTACEAE:

- Lepidosaphes philococcus* (Homoptera)
- Moneilema opuntiae* (Coleoptera)
- Sireonotus luteiceps* (Hemiptera)

CAESALPINIA:

- Acanthoscelides dominicanus* (Coleoptera)

CAJANUS:

- Callosobruchus chinensis* (Coleoptera)
- Heliothis subflexa* (Lepidoptera)

CALLUNA:

- Taeniothrips ericae* (Thysanoptera)

CAMELLIA:

- Aspidiotus palmarum* (Homoptera)
- Protopulvinaria pyriformis* (Homoptera)

CAPSICUM:

- Callosobruchus maculatus* (Coleoptera)
- Carpolionchaea pendula* (Diptera)
- Ceratitis capitata* (Diptera)
- Conotrachelus seniculus* (Coleoptera)
- Eupros paltipennis* (Hemiptera)
- Gnorimoschema gudmannella* (Lepidoptera)
- Lorita abornana chalka* (Lepidoptera)
- Plagiometriona diversicollis* (Coleoptera)
- Platynota stultana* (Lepidoptera)
- Zabrotes subfasciatus* (Coleoptera)

CARICA:

- Toxotrypana curvicauda* (Diptera)

CASSIA:

- Caryedon fuscus* (Coleoptera)

CASTANEA:

- Laspeyresia splendana* (Lepidoptera)

CATTLEA. See Orchidaceae

CEDRELA:

- Hypsipyla grandella* (Lepidoptera)

CHRYSANTHEMUM:

- Acanthoscelides sallaei* (Coleoptera)
- Eupeodes volucris* (Diptera)
- Euzesta notata* (Diptera)
- Erptochiomeria minima* (Hemiptera)
- Homoeosoma electellum* (Lepidoptera)
- Phenacoccus gossypii* (Homoptera)
- Phyllophaga tetula* (Coleoptera)

CICER:

- Callosobruchus chinensis* (Coleoptera)
- Callosobruchus maculatus* (Coleoptera)

CINCHONA:

- Amblycerus scutellaris* (Coleoptera)

CITRUS AURANTIFOLIA: (sour and sweet lime)

- Aleurocanthus woglumi* (Homoptera)
- Anastrepha ludens* (Diptera)
- Chrysomphalus personatus* (Homoptera)
- Parlatoria cinerea* (Homoptera)

CITRUS LIMON:

- Pseudomidia trilobitiformis* (Homoptera)

CITRUS PARADISI:

- Aleurocanthus woglumi* (Homoptera)
- Anastrepha ludens* (Diptera)
- Anastrepha serpentina* (Diptera)
- Ceratitis capitata* (Diptera)
- Dialeurodes citrifolii* (Homoptera)
- Parlatoria cinerea* (Homoptera)

CITRUS RETICULATA:

- Parlatoria ziziphus* (Homoptera)

CITRUS SINENSIS:

- Anastrepha fraterculus* (?) (Diptera)
- Anastrepha ludens* (Diptera)
- Aonidiella citrina* (Homoptera)
- Ceratitis capitata* (Diptera)
- Chrysomphalus personatus* (Homoptera)
- Morganella longispina* (Homoptera)
- Parlatoria cinerea* (Homoptera)
- Parlatoria ziziphus* (Homoptera)

CITRUS SP.

- Dialeurodes citrifolii* (Homoptera)
- Podius acutissimus* (Hemiptera)

COCOS:

- Amphicerus cornutus* (Coleoptera)
- Aonidiella eremociti* (Homoptera)
- Aspidiotus destructor* (Homoptera)
- Aspidiotus palmarum* (Homoptera)
- Aspidiotus spinosus* (Homoptera)
- Chrysomphalus personatus* (Homoptera)
- Breunetia flavistriata* (Lepidoptera)
- Pinnaspis buzi* (Homoptera)
- Rhipisia palmarum* (Homoptera)

CODIAEUM:

- Lepidosaphes tokionis* (Homoptera)

COFFEA:

- Callosobruchus maculatus* (Coleoptera)
- Coccus viridis* (Homoptera)
- Zabrotes subfasciatus* (Coleoptera)

CONVOLVULUS:

- Oryzaenrus hyalinipennis* (Hemiptera)

CUCUMIS:

- Dacus cucurbitae* (Diptera)

CUCURBITA:

- Diaphania nitidalis* (Lepidoptera)

CYDONIA:

- Anastrepha ludens* (Diptera)
- Grapholitha packardii* (Lepidoptera)

CYMBIDIUM. See Orchidaceae

CYRTOPODIUM. See Orchidaceae

DAHLIA:

- Endrosia lacteella* (Lepidoptera)

DAISY:

- Carneocephala sagittifera* (Hemiptera)
- Erptochiomeria minima* (Hemiptera)
- Erptochiomeria oblonga* (Hemiptera)
- Phenacoccus gossypii* (Homoptera)
- Phymata fasciata* (Hemiptera)

DAUCUS:

- Agromyza virens* (Diptera)
- Elasmopalpus lignosellus* (Lepidoptera)
- Listronotus oregonensis* (Coleoptera)
- Nysius minimus* (Hemiptera)
- Plagiometriona diversicollis* (Coleoptera)
- Psila rosae* (Diptera)

DIANTHUS:

- Conotrachelus leucophaetus* (Coleoptera)
- Haplothrips goudyei* (Thysanoptera)
- Oligonychus discretus* (Coleoptera)

DIOSCOREA:

- Eusepes postfasciatus* (Coleoptera)
- Palaeopus costicollis* (Coleoptera)
- Targionia hartii* (Homoptera)

DOLICHOS:

- Callosobruchus phaseoli* (Coleoptera)

EPIDENDRUM. See Orchidaceae

EPIGAEA:

- Tetraleurodes ursorum* (Homoptera)

FICUS:

- Coccotrypes dactyliperda* (Coleoptera)

Hosts and insects—Continued

FRAGARIA:

Ligyrocoris aurivilliana (Hemiptera)

FRAXINUS:

Leperisinus frazini (Coleoptera)

GARDENIA:

Aleurothrixus myrtacei (Homoptera)*Aonidiella citrina* (Homoptera)*Carnecephala flaviceps* (Hemiptera)*Coccus viridis* (Homoptera)*Dialeurades citri* (Homoptera)*Eucalymnatus tessellatus* (Homoptera)*Frankliniella insularis* (Thysanoptera)*Pulvinaria psidii* (Homoptera)

GLADIOLUS:

Estigmene acrea (Lepidoptera)*Taeniothrips simplex* (Thysanoptera)

GOSSYPIUM:

Conoderus vespertinus (Coleoptera)*Corcyra cephalonica* (Lepidoptera)*Ezptochiamera minima* (Hemiptera)*Heterobostrychus pileatus* (Coleoptera)*Pectinophora gossypiella* (Lepidoptera)

GUAJACUM:

Neoclytus cacticus (Coleoptera)

HELIANTHUS:

Agromyza virens (Diptera)

HIBISCUS:

Anacentrinus deplanatus (Coleoptera)*Crocidosema plebeiana* (Lepidoptera)*Pealius hibisci* (Homoptera)*Pectinophora gossypiella* (Lepidoptera)

IPOMOEA:

Colobicus marginatus (Coleoptera)*Cylas formicarius* (Coleoptera)*Cylas formicarius elegantulus* (Coleoptera)*Cylas formicarius*, perhaps subsp. *formicarius* (Coleoptera)*Euscapes postfasciatus* (Coleoptera)*Megacerus leucosomus* (Coleoptera)*Palaeopus costicollis* (Coleoptera)

JUGLANS:

Búoma crenata (Coleoptera)

KHAYA:

Peronotus constrictus (Hemiptera)*Xylion securifer* (Coleoptera)*Xylopertha crinitaris* (Coleoptera)

LACTUCA:

Brochymena sulcata (Hemiptera)*Ceratocapsus punctulatus* (Hemiptera)*Conoderus lividus* (Coleoptera)*Drasterius livens* (Coleoptera)*Empoasca fabae* (Hemiptera)*Leucopocelia albofasciata* (Hemiptera)*Ligyrocoris abdominalis* (Hemiptera)*Lygus oblineatus* (Hemiptera)*Lygus sallei* (Hemiptera)*Macrostelus divinus* (Hemiptera)*Mordellistena conformis* (Coleoptera)*Nabis alternatus* (Hemiptera)*Neokolla gothica* (Hemiptera)*Nysius minutus* (Hemiptera)*Opsius stactogalus* (Hemiptera)*Scaphytopius irroratus* (Hemiptera)*Sisamnes contractus* (Hemiptera)*Sizenotus areolatus* (Hemiptera)*Trichocoriza louisianae* (Hemiptera)

LAELIA. See Orchidaceae

LARIX:

Coleophora laticella (Lepidoptera)

LATHYRUS:

Frankliniella fortissima (Thysanoptera)

LENS:

Bruchus lentis (Coleoptera)

LILIUM:

Drasterius livens (Coleoptera)*Liothrips vaneeckei* (Thysanoptera)*Pnyxia scabiei* (Diptera)*Peronotus constrictus* (Hemiptera)

LYCASTE. See Orchidaceae

LYCOPERSICON:

Apion subornatum (Coleoptera)*Carpolonchaea pendula* (Diptera)*Chaetopsis fulvifrons* (Diptera)*Elaphria agrotina* (Lepidoptera)*Epitrix fasciata* (Coleoptera)*Ezptochiamera oblonga* (Hemiptera)*Platodes fuscus* (Hemiptera)

LYCOPERSICON—Continued.

Frankliniella fortissima (Thysanoptera)*Leucinodes elegantalis* (Lepidoptera)*Ligyrocoris abdominalis* (Hemiptera)*Lineodes integra* (Lepidoptera)*Liriomyza pusilla* (Diptera)*Lygaeus kalmii* (Hemiptera)*Micracisella opacithorax* (Coleoptera)*Nysius minutus* (Hemiptera)*Oiontolozozus longicornis* (Diptera)*Opsius stactogalus* (Hemiptera)*Pachybrachius bilobatus* (Hemiptera)*Phenacoccus solani* (Homoptera)*Platynota rostrana* (Lepidoptera)*Platynota stultana* (Lepidoptera)*Prodenia dolichos* (Lepidoptera)*Rhyncolus longulus* (Coleoptera)*Valtissius diversus* (Hemiptera)

MALUS:

Anastrepha ludens (Diptera)*Ceratitis capitata* (?) (Diptera)*Rhagoletis pomonella* (Diptera)

MALVA:

Dysdercus concinnus (Hemiptera)

MAMMEA:

Anastrepha serpentina (Diptera)*Aspidiotus spinosus* (Homoptera)

MAMMILLARIA. See Cactaceae

MANGIFERA:

Anastrepha ludens (Diptera)*Anastrepha mombinpraeoptans* (Diptera)*Aulacaspis mangiferae* (Homoptera)*Ceratitis capitata* (Diptera)*Pseudonidia trilobitiformis* (Homoptera)*Sternonchus mangiferae* (Coleoptera)

MEDICAGO:

Adelphocoris superbus (Hemiptera)*Agromyza scutellata pasium* (Diptera)*Colias eurytheme* (Lepidoptera)*Epilachna varivestis* (Coleoptera)*Liriomyza pusilla* (Diptera)*Nabis alternatus* (Hemiptera)

MONODORA:

Asterolecanium pustulans (Homoptera)

MUSA:

Aspidiotus destructor (Homoptera)*Aspidiotus palmae* (Homoptera)*Chrysomphalus umboniferus* (Homoptera)*Metamasius sericeus* (Coleoptera)*Orthognathus subparallelus* (Coleoptera)*Wasmannia auropunctata* (Hymenoptera)

NERIUM:

Aphis lutescens (Homoptera)*Asterolecanium pustulans* (Homoptera)

ODONTOGLOSSUM. See Orchidaceae

OLEA:

Dacus oleae (Diptera)

ONCIDIUM. See Orchidaceae

ORCHIDACEAE:

Anaphothrips orchidaceus (Thysanoptera)*Anaphothrips orchidii* (Thysanoptera)*Ceratocombus vagans* (Hemiptera)*Chrysomphalus umboniferus* (Homoptera)*Conchaspis angraci* (Homoptera)*Diorymerellus laemimargo* (Coleoptera)*Eurycipitia vestitus* (Hymenoptera)*Eurytoma orchidearum* (Hymenoptera)*Furcaspis biformis* (Homoptera)*Hercinothrips femoralis* (Thysanoptera)*Iridomyrmex disperditus* (Hymenoptera)*Iridomyrmex iniquus* (Hymenoptera)*Iridomyrmex iniquus nigella* (Hymenoptera)*Lepidosaphes chinensis* (Homoptera)*Lepidosaphes tuberculata* (Homoptera)*Leucaspis cockerelli* (Homoptera)*Listrus senilis* (Coleoptera)*Mordellistena cattleyana* (Coleoptera)*Nysius minutus* (Hemiptera)*Oligembia nigrina* (Hymenoptera)*Parthenothrips dracenaee* (Thysanoptera)*Pinnaspis townsendi* (Homoptera)*Pseudischaspis alienus* (Homoptera)*Pseudischaspis bowreyi* (Homoptera)*Pulvinaria floccifera* (Homoptera)*Rhyncolus longulus* (Coleoptera)*Stephanoderes guatemalensis* (Coleoptera)

Hosts and insects—Continued

- ORCHIDACEAE—Continued.**
Tenthecoris bicolor (Hemiptera)
Valtissius diversus (Hemiptera)
Vinsonia stellifera (Homoptera)
Wasmannia rochai (Hymenoptera)
- ORYZA:**
Callosobruchus chinensis (Coleoptera)
Chilo simplex (?) (Lepidoptera)
Heterobostrychus aequalis (Coleoptera)
- PACHYRHIZUS:**
Caryedes jaspideus (Coleoptera)
- PALM:**
Aonidiella inornata (Homoptera)
Frankliniella williamsi (Thysanoptera)
Pantomorus godmani (Coleoptera)
- PALMERIA:**
Coccotrypes rolliniae (Coleoptera)
- PARMENTIERA:**
Bonchis munitalis (Lepidoptera)
Carpolonchaea pendula (Diptera)
- PELARGONIUM:**
Phenacoccus gossypii (Homoptera)
Tetraleurodes vaporariorum (Homoptera)
- PERSEA:**
Aleurothrixus floccosus (Homoptera)
Anastrepha ludens (Diptera)
Chrysomphalus albopictus (Homoptera)
Conotrachelus agnatae (Coleoptera)
Conotrachelus perseae (Coleoptera)
Epidiaspis piricola (Homoptera)
Erpochiomeria minima (Hemiptera)
Pseudoparlatoria perpareula (Homoptera)
Stenomma catenifer (Lepidoptera)
- PETROSELINUM:**
Nysius minutus (Hemiptera)
Nysius monticola (Hemiptera)
- PHASEOLUS:**
Agromyza virens (Diptera)
Callosobruchus maculatus (Coleoptera)
Dacus cucurbitae (Diptera)
Elasmopalpus lignosellus (Lepidoptera)
Epilachna varivestis (Coleoptera)
Epinotia opposita (Lepidoptera)
Everes comyntas (Lepidoptera)
Laspeyresia leguminis (Lepidoptera)
Maruca testulalis (Lepidoptera)
Platynota stultana (Lepidoptera)
- PHYSALIS:**
Epitrix hirtipennis (Coleoptera)
Gnaphimoschema lavrenella (Lepidoptera)
Heliolithis subflexa (Lepidoptera)
Ligyrocotis aurivilliana (Hemiptera)
Notogramma stigma (Diptera)
Rhagoletis striatella (Diptera)
Valtissius diversus (Hemiptera)
- PHYTELEPHAS:**
Coccotrypes dactyliperda (Coleoptera)
- PICEA:**
Laspeyresia youngana (?) (Lepidoptera)
- PINUS:**
Phenacopsis pinifoliae (Homoptera)
Pityophthorus cribratus (Coleoptera)
Stephanopachys rugosus (Coleoptera)
- PITHECELLOBIUM:**
Acanthoscelides flexicaulis (Coleoptera)
- POLIANTHES:**
Frankliniella bratleyi (Thysanoptera)
Pantomorus godmani (Coleoptera)
Rhopalosiphoninus latysiphon (Homoptera)
- PORTULACA:**
Colias eurytheme (Lepidoptera)
Conotrachelus seniculus (Coleoptera)
Heliodines bella (Lepidoptera)
Leucopoeila albofasciata (Hemiptera)
Nysius minutus (Hemiptera)
Psammobius batesi (Coleoptera)
Zabrotes subfasciatus (Coleoptera)
- PROSOPIS:**
Acanthoscelides protractus (Coleoptera)
Dendrobiella aspera (Coleoptera)
Lithophorus ornatus (Coleoptera)
Tychius sulcatus (Coleoptera)
- PRUNUS:**
Anastrepha ludens (Diptera)
- PSIDIUM:**
Aleurothrixus floccosus (Homoptera)
Anastrepha striata (Diptera)
- PSIDIUM—Continued.**
Aspidiotus diffinis (Homoptera)
Tetraleurodes mori (Homoptera)
- PUNICA:**
Cryptoblabes gnidiella (Lepidoptera)
Ligyrocotis aurivilliana (Hemiptera)
- PYRUS:**
Anastrepha ludens (Diptera)
- QUERCUS:**
Andricus furnessae (Hymenoptera)
Coninomus constrictus (Coleoptera)
Conotrachelus integer (Coleoptera)
Curculio q-griseae (Coleoptera)
Laspeyresia splendana (Lepidoptera)
Rhizophagus bipustulatus (Coleoptera)
- RAPHANUS:**
Epilachna varivestis (Coleoptera)
Hellula undalis (Lepidoptera)
Nysius minutus (Hemiptera)
- RHODODENDRON:**
Dialeurodes chittendeni (?) (Homoptera)
Drymus sylvaticus (Hemiptera)
- RHOPALOSTYLIS:**
Coccotrypes dactyliperda (Coleoptera)
- RICINUS:**
Catorama tabaci (Coleoptera)
- RORIPPA:**
Heliodines bella (Lepidoptera)
- ROSA:**
Frankliniella difficilis (Thysanoptera)
Frankliniella tritici (Thysanoptera)
Opstus stactogalus (Hemiptera)
Parlatoria oleae (Homoptera)
Platynota rostrana (Lepidoptera)
Teleonemia nigra (Hemiptera)
Tetraleurodes ursorum (Homoptera)
- SACCHARUM:**
Calendra incurrens (Coleoptera)
Chilo loftini (Lepidoptera)
Diatraea saccharalis (Lepidoptera)
Pseudococcus boninensis (Homoptera)
Targionia sacchari (Homoptera)
- SALIX:**
Dorytomus luridus (Coleoptera)
Psylla minor (Homoptera)
- SECALE:**
Bruchus guttalis (Coleoptera)
Forficula auricularia (Orthoptera)
- SECIUM:**
Diaphania hyalinata (Lepidoptera)
Diaphania nitidalis (Lepidoptera)
- SEDUM:**
Aphis sedi (Homoptera)
- SERJANIA:**
Dinoderus bifoveolatus (Coleoptera)
- SIMAROUBACEAE:**
Pseudaonidia fimbriata (Homoptera)
- SOBRALIA.** See Orchidaceae
- SOIL:**
Agriotes mancus (Coleoptera)
Agriotes obscurus (Coleoptera)
Athous subfuscus (Coleoptera)
Autoserica casanea (Coleoptera)
Barynotus squamosus schonherri (Coleoptera)
Brachyrhinus desertus var. (Coleoptera)
Cossonus parallelepipedus (Coleoptera)
Dorcus parallelepipedus (Coleoptera)
Hypnoidus riparius (Coleoptera)
Lygaeus vittiscutis (Hemiptera)
Simpliocaria semistriata (Coleoptera)
Sitona lineata (Coleoptera)
Sitona regensteiniensis (Coleoptera)
- SOLANUM MELONGENA:**
Arvelius albopunctatus (Hemiptera)
Callarectia proxima antholea (Lepidoptera)
Conotrachelus subfasciatus (Coleoptera)
Epitrix fasciata (Coleoptera)
Leucinodes elegantalis (Lepidoptera)
- SOLANUM TUBEROSUM:**
Epicaerus cognatus (Coleoptera)
Epitrix fasciata (Coleoptera)
Euresta notata (Diptera)
Notogramma stigma (Diptera)
- SPINACIA:**
Aceratagalla uhleri (Hemiptera)
- SPONDIAS:**
Anastrepha mombinpraepotans (Diptera)

*Hosts and insects—Continued***SWIETENIA:**

- Cordylomera spinicornis* (Coleoptera)
- Nasutitermes costaricensis* (Isoptera)
- Xyleborus confusus* (Coleoptera)

TABERNAEMONTANA:

- Chrysomphalus albopictus* (Homoptera)

TILLANDSIA:

- Acroleucus vicinialis* (Hemiptera)
- Lygaeus circumplicatus* (Hemiptera)
- Lygaeus pulchellus* (Hemiptera)
- Opilomus pulcher* (Hemiptera)

TRACHYCARPUS:

- Coccotrypes dactyliperda* (Coleoptera)

TRITICUM:

- Apion pomonae* (Coleoptera)

TULIPA:

- Taeniothrips atratus* (Thysanoptera)

ULMUS:

- Clytus arietis* (Coleoptera)
- Magdalis armigera* (Coleoptera)
- Pteleobius vittatus* (Coleoptera)
- Scolytus intricatus* (Coleoptera)
- Scolytus multistriatus* (Coleoptera)

VANILLA. See Orchidaceae**VICIA:**

- Apion pomonae* (Coleoptera)
- Bruchidius incarnatus* (Coleoptera)
- Bruchus guttalis* (Coleoptera)
- Bruchus luteicornis* (Coleoptera)

VIGNA:

- Calosobruchus maculatus* (Coleoptera)

VITIS:

- Franklinothrips vespiformis* (Thysanoptera)

ZEAE:

- Chaetopsis fulvifrons* (Diptera)
- Conotrachelus seniculus* (Coleoptera)
- Diatraea grandiosella* (Lepidoptera)
- Eumecosomyia nubila* (Diptera)
- Euxesta stigmatias* (Diptera)
- Lygaeus uhleri* (Hemiptera)
- Moodna bisinuella* (Lepidoptera)
- Prostephanus truncatus* (Coleoptera)
- Thyanta maculata* (Hemiptera)

ZINGIBER:

- Ceroplastes rubens* (Homoptera)
- Targionia hartii* (Homoptera)

ZYGOPETALUM. See Orchidaceae*Hosts unknown***AIRPLANE:**

- Adoretus sinicus* (Coleoptera)
- Aedes vigilax* (Diptera)
- Eucnecerus anthrenoides* (Coleoptera)
- Fulvius peregrinator* (Hemiptera)
- Iridomyrmex humilis* (Hymenoptera)
- Maruca testulalis* (Lepidoptera)
- Milichiella lacteipennis* (Diptera)
- Myodocha longicollis* (Hemiptera)
- Nysius nigriscutellatus* (Hemiptera)
- Oxydema fusiforme* (Coleoptera)
- Pachybrachius nigriceps* (Hemiptera)
- Scatella sermotata* (Diptera)
- Stoerberhinus testaceus* (Lepidoptera)

ALPINE PLANTS:

- Barypeithes pellucidus* (Coleoptera)

BOTTLE JACKET:

- Bruchus guttalis* (Coleoptera)

CANE-BOTTOM CHAIR:

- Agrotis malefida* (Lepidoptera)

FLOWERS:

- Listrus senilis* (Coleoptera)

GRASS:

- Blissus leucopterus insularis* (Hemiptera)
- Bolacothrips jordani* (Thysanoptera)
- Chirothrips manicatus* (Thysanoptera)

GROCERIES:

- Drasterius scutellatus* (Coleoptera)
- Listronotus scapularis* (Coleoptera)
- Micrapate dinoderoides* (Coleoptera)

HERB:

- Erptochiomera minima* (Hemiptera)
- Erptochiomera oblonga* (Hemiptera)
- Trialeurodes vaporariorum* (Homoptera)

LEAF:

- Protopulvinaria pyriformis* (Homoptera)
- Pseudanidia trilobitiformis* (Homoptera)
- Tetraleurodes mori* (Homoptera)
- Trialeurodes vitrinellus* (Homoptera)

LEGUME:

- Caryedes calderensis* (Coleoptera)

PACKAGE CONTAINING WOOLEN SCARF AND EXCELSIOR:

- Heterobostrychus aequalis* (Coleoptera)

PLANT:

- Coccotrypes brassiaeovorus* (Coleoptera)

RAILWAY CAR:

- Amphicerus cornutus* (Coleoptera)
- Anastrepha ludens* (Diptera)
- Brachyrhinus singularis* (Coleoptera)

VEGETABLES:

- Brochymena sulcata* (Hemiptera)
- Evergestis rimosalis* (Lepidoptera)

WOOD:

- Agrilus furcillatus* (Coleoptera)
- Andricus furnessae* (Hymenoptera)
- Asterolecanium pustulans* (Homoptera)
- Atrusca aggregata* (Hymenoptera)
- Heterobostrychus aequalis* (Coleoptera)
- Micrapate labialis* (Coleoptera)
- Morganella longispina* (Homoptera)
- Neodryocoetes exquisitus* (Coleoptera)
- Phloeotribus scarabaeoides* (Coleoptera)
- Renocis mexicanus* (Coleoptera)
- Sinoxylon anale* (Coleoptera)
- Tetrapiocera longicornis* (Coleoptera)

*Country of origin and insects***AFRICA:**

- Ceratitidis capitata*

ALGERIA:

- Laspeyresia splendana*
- Parlatoria ziziphus*

ARABIA:

- Callosobruchus maculatus*

ARGENTINA:

- Bruchus luteicornis*
- Parlatoria cinerea*
- Pectinophora gossypiella*

AUSTRALIA:

- Caryedon fuscus*
- Ceratitidis capitata*
- Cylas formicarius elegantulus*
- Endrosia lacteella*
- Lepidosaphes tuberculata*
- Morganella longispina*
- Pseudanidia fimbriata*
- Sternonchetus mangiferae*
- Taeniothrips simplex*

BAHAMAS:

- Asterolecanium pustulans*
- Cylas formicarius elegantulus*
- Heliothis subflava*

BRAZIL:

- Anastrepha fraterculus* (?)
- Callosobruchus phaseoli*
- Caryedes calderensis*
- Chrysomphalus personatus*
- Coccotrypes rolliniae*
- Cylas formicarius elegantulus*
- Euscepes postfasciatus*
- Hypsipyla grandella*
- Maruca testulalis*
- Oxyacrenus hyalinipennis*
- Parlatoria cinerea*
- Parlatoria ziziphus*
- Pseudanidia trilobitiformis*
- Stephanoderes brasiliensis*
- Vinsonia stellifera*

Country of origin and insects—Continued

BRITISH COLUMBIA:

Barypeithes pellucidus
Dorytomus luridus
Laspeyresia youngana (?)
Liothrips vaneckei

CANADA:

Agriotes mancus
Coleophora laricella
Frankliniella tritici
Phenacaspis pinifoliae
Psylla minor
Sitona lineata
Tetraleurodes ursorum

CANAL ZONE:

Asterolecanium mliaris robustum
Blissus leucopterus insularis
Ceratocombus vagans
Coccus viridis
Eucnecerus anthrenoides
Furcaspis bifor mis
Pinnaspis townsendi
Pseudischaspis alienus
Stephanoderes guatemalensis
Targionia hartii
Vinsonia stellifera
Wasmannia rochai

COLOMBIA:

Acanthoscelides dominicanus
Dinoderus bifoveolatus
Eumecosomyia nubila
Furcaspis bifor mis
Iridomyrmex iniquus
Leucaspis cockerelli
Mordellistena cattlejana
Parlatoria cinerea

COSTA RICA:

Aspidiotus destructor
Aspidiotus palmae
Chrysomphalus umboniferus
Furcaspis bifor mis
Lepidosaphes chinensis
Metamastus sericeus
Pseudischaspis alienus
Stenomoma catenifer

CUBA:

Aleurocanthus woglumi
Anastrepha mombinpraeoptans
Aspidiotus destructor
Aspidiotus spinosus
Coccus viridis
Colobicus marginatus
Corcyra cephalonica
Cylas formicarius elegantulus
Dialeurodes citri
Dialeurodes citrifolii
Eusepes postfasciatus
Hellula phidilealis
Neoclytus cacticus
Targionia hartii
Targionia sacchari
Tetraprocera longicornis

DOMINICA:

Asterolecanium pustulans

DOMINICAN REPUBLIC:

Anastrepha mombinpraeoptans
Aspidiotus destructor
Carpolonchaea pendula
Coccus viridis
Cylas formicarius elegantulus
Dialeurodes citrifolii
Frankliniella insularis
Pectinophora gossypiella
Vinsonia stellifera

DUTCH GUIANA:

Ceratitidis capitata (?)
Eusepes postfasciatus

EGYPT:

Anuraphis apiifolia
Bruchidius incarnatus
Bruchus lentis
Ceratitidis capitata (?)

ENGLAND:

Anaphothrips orchidaceus
Anaphothrips orchidii
Autoserica castanea
Bitoma crenata
Bolacothrips jordani

ENGLAND—Continued.

Ceutorhynchus pleurostigma
Clytus arietis
Cossonus parallelepipedus
Dialeurodes chittendeni (?)
Dorcus parallelepipedus
Drymus sylvaticus
Hercinotrips femoralis
Hypnoidus riparius
Leperisinus fraxini
Lepidosaphes tuberculata
Magdalis armigera
Parthenothrips dracaenae
Philophylla heraclei
Platymathis sericea
Psila rosae
Psylliodes chrysocephala
Pteleobius vittatus
Pulvinaria floccifera
Rhizophagus bipustulatus
Scolytus intricatus
Scolytus multistriatus
Sitona regensteiniensis
Taeniothrips atratus

FIJI ISLANDS:

Targionia hartii

FRENCH WEST AFRICA:

Cordylomera spinicornis

GOLD COAST:

Poronotus constrictus
Xylion securifer
Xylopertha crinitarsis

GUADELOUPE:

Wasmannia auro-punctata

GUATEMALA:

Aleurothrixus myrtacei
Amblycyrus scutellaris
Anastrepha ludens
Aphis sedi
Chrysomphalus personatus
Chrysomphalus umboniferus
Conotrachelus perseae
Diorymerellus laevimargo
Eurycippitia vestitus
Eurytoma orchidearum (?)
Frankliniella fortissima
Haplothrips gowdeyi
Iridomyrmex iniquus nigella
Listrus senilis
Prostephanus truncatus
Pseudischaspis alienus
Valtissius diversus

HAITI:

Anastrepha mombinpraeoptans
Aspidiotus destructor
Callosobruchus chinensis
Cylas formicarius, probably *elegantulus*
Palaeopus costicollis

HAWAII:

Aspidiotus spinosus
Asterolecanium pustulans
Ceratitidis capitata
Ceroplastes rubens
Dacus cucurbitae
Ereunetis flavistriata
Lepidosaphes tokionis
Maruca testulalis
Pealius hibisci
Pectinophora gossypiella
Phenacoccus solani
Pinnaspis buxi
Rhyncolus longulus
Ripersia palmarum
Sternonchelus mangiferae

HONDURAS:

Aspidiotus destructor
Frankliniella difficilis
Parlatoria cinerea

ICELAND:

Hypnoidus riparius

INDIA:

Callosobruchus chinensis
Cylas formicarius
Cylas formicarius, perhaps subspecies *formicarius*
Heterobostrychus aequalis
Heterobostrychus pileatus
Morganella longispina

Country of origin and insects—Continued

INDIA—Continued.

Pectinophora gossypiella
Sinorylon anale
Sternonchetus mangiferae

IRAN:

Parlatoria oleae

IRAQ:

Callosobruchus maculatus

IRELAND:

Ceutorhynchus pleurostigma

JAMAICA:

Acanthoscelides dominicanus
Anastrepha mombinpraeoptans
Callosobruchus maculatus
Cylas formicarius elegantulus
Palaeopus costicollis
Vinsonia stellifera

JOHNSTON ISLAND:

Pachybrachius nigriceps

MADEIRA ISLANDS:

Bruchus guttalis
Cryptoblabes gnidiella
Pantomorus godmani

MARTINIQUE:

Euscepes postfasciatus

MEXICO:

Acanthoscelides dominicanus
Acanthoscelides flexicaulis
Acanthoscelides protractus
Acanthoscelides sallaei
Aceratagallia uhleri
Acroleucus vicinalis
Adelphocoris superbus
Agrilus fuscicollis
Agromyza scutellata pascuum
Aromyza virens
Agrotis malefida
Alaus lusciosus
Aleurocanthus woglumi
Aleurothrix floccosus
Aleurothrix myrtacei
Alpheias conspirata
Amphicercus cornutus
Anacentrinus deplanatus
Anaphothrips orchidaceus
Anaphothrips orchidii
Anastrepha ludens
Anastrepha serpentina
Anastrepha striata
Andricus fymnessae
Aonidiella citrina
Aphis lutescens
Apion subornatum
Arvelius albopunctatus
Aspidiotus diffinis
Aspidiotus palmae
Asterolecanium pustulans
Atrusca aggregata
Autographa barassicae
Bemisia inconspicua
Blissus leucopterus insularis
Bonchis munitalis
Brochymena sulcata
Calendra incurrens
Callarctia procima autholea
Callosobruchus maculatus
Carneocephala flaviceps
Carneocephala sagittifera
Carpolonchaea pendula
Catolothrus longulus
Catorama tabaci
Ceratocapsus punctulatus
Chaetopsis fulvifrons
Chilo loftini
Chrysomphalus albopictus
Chrysomphalus personatus
Chrysomphalus umboniferus
Colias eurytheme
Conoderus lvidus
Conoderus resperpinus
Conotrachelus aguacatae
Conotrachelus integer
Conotrachelus leucophaetus
Conotrachelus seniculus
Conotrachelus subfasciatus
Crociosema piebiana
Curculio q-griseae

MEXICO—Continued.

Cylas formicarius elegantulus
Dendrobiella aspera
Diaphania hyalinata
Diaphania nitidalis
Diatraea grandiosella
Dietraea saccharalis
Draculacephala minerva
Drasterius livens
Drasterius scutellatus
Dysdercus concinnus
Elaphria agrotina
Elasmopalpus lignosellus
Empoasca fabae
Empoasca nigra typhlocyboides
Epicaerus cognatus
Epicaula albida
Epidiaspis pricola
Epilachna varivestis
Epinotia opposita
Epitrix fasciata
Epitrix hirtipennis
Estigmene acrea
Eucalandra setulosa
Eucalymnatus tessellatus
Eumecosomyia rubila
Eupeodes volucris
Euryps pallipennis
Euzesta notata
Euzesta stigmatias
Evees comyntas
Evergestis rimosalis
Erpochiomeria minima
Erpochiomeria oblonga
Flatoides fuscus
Frankliniella brattleyi
Frankliniella fortissima
Frankliniella williamsi
Franklinothrips vespiformis
Gnorimoschema gudmannella
Gnorimoschema lavrenella
Grapholitha packardii
Heliodines bella
Heliothis subflera
Hellula phidolealis
Hellula undalis
Holymenia histrio
Homalodisca triquetra
Homoeosoma electellum
Iridomyrmex dispartitus
Iridomyrmex iniquus nigella
Laspeyresia leguminis
Lepidosaphes philococcus
Leucinodes elegantalis
Leucopecocila albofasciata
Ligyrocercis abdominalis
Ligyrocercis auritulliana
Lineodes integra
Liriomyza pusilla
Listronotus oregonensis
Listronotus scapularis
Listrus senilis
Lithophorus ornatus
Lorita abornana chatka
Lygaeus circumpectatus
Lygaeus kalmii
Lygaeus pulchellus
Lygaeus uhleri
Lygaeus vittiscutis
Lygus oblineatus
Lygus sallei
Macrosteles divinus
Megacerus leucosomus
Micracisella opacithorax
Micrapate dinoderoides
Micrapate labialis
Monellema opuntiae
Moodna bisinuella
Mordellistena conformis
Myodocha longicollis
Nabis alternatus
Neodryocetes exiguus
Neokolla gothica
Notogramma stigma
Nysius minutus
Nysius monticola
Odontoloxozus longicornis

Country of origin and insects—Continued

MEXICO—Continued.

Oligolochus discretus
Oplonus pulcher
Opsius stactogalus
Orthognathus subparallelus
Pachybrachius bilobatus
Pachybrachius rinctus
Pantomorus godmani
Paromius longulus
Pectinophora gossypiella
Phenacoccus gossypii
Phyllophaga vetula
Phyllotreta pusilla
Phymata fasciata
Pityophthorus cribratus
Placosternus difficilis
Plagiometriona diversicollis
Platynota rostrana
Platynota stultana
Pnyxia scabiei
Podisus acutissimus
Poronotus constrictus
Prodenia dolichos
Prostephanus truncatus
Protopulvinaria pyriformis
Psammobius batesi
Pseudoonidia trilobitiformis
Pseudischinaspis alienus
Pseudococcus boninis
Pseudoparlatoria perparvula
Renocis mexicanus
Rhagoletis pomonella
Rhagoletis striatella
Rhopalosiphoninus latysiphon
Scaphytopius irroratus
Scyphophorus acupunctatus
Sisamnes contractus
Sizeonotus areolatus
Sizeonotus luteiceps
Stenoma catenifer
Stephanopachys rugosus
Talponia batesi
Talurus salvini
Targionia bromeliae
Teleonemia nigra
Tetraleurodes mori
Tetraleurodes ursorum
Tetrapriocera longicornis
Thyanta maculata
Toxotrypana curvicauda
Trialeurodes vaporariorum
Trialeurodes variabilis
Trialeurodes vitrinellus
Trichocorixa louisianae
Trichoplusia ni
Tychius sulcatulus
Valtissius diversus
Zabrotes subfasciatus

MIDWAY:

Scatella sexnotata

NEW CALEDONIA:

Maruca testulalis

NEW GUINEA:

Aspidiotus palmae

NEW HEBRIDES:

Aonidiella inornata

NEW ZEALAND:

Coccotrypes dactyliperda

Taeniothrips simplex

NICARAGUA:

Aspidiotus spinosus

Nasutitermes costaricensis

Xyleborus confusus

PALESTINE:

Ceratitis capitata

PALMYRA ISLAND:

Adoretus sinicus

Scatella sexnotata

PANAMA:

Chrysomphalus umboniferus

Coccotrypes brassiaeovorus

Furcaspis biformis

Tarigionia hartii

PERU:

Caryedes jaspedius

Dinoderus bifoveolatus

PORTUGAL:

Apion pomonae
Bruchus guttalis
Ceratitis capitata
Coccotrypes dactyliperda
Dacus oleae
Forficula auricularia
Laspeyresia splendana
Phloeotribus scarabaeoides

PUERTO RICO:

Callosobruchus chinensis
Coccus viridis
Cylas formicarius elegantulus
Euscepes postfasciatus
Maruca testulalis
Pectinophora gossypiella
Pseudoonidia trilobitiformis
Pulvinaria psidii

ST. VINCENT:

Pectinophora gossypiella

SCOTLAND:

Agrotis obscurus
Athous subfuscus
Barynotus squamosus schonherri
Brachyrhinus desertorum var.
Brachyrhinus singularis
Simplocaria semistriata
Taeniothrips ericae

SICILY (?):

Pectinophora gossypiella

SIERRA LEONE:

Corecya cephalonica

SOUTH AMERICA (?):

Vinsonia stellifera

SOUTH PACIFIC:

Aedes vigilax
Aonidiella eremocitri
Fulvius peregrinator
Iridomyrmex humilis
Maruca testulalis
Mitichiella lacteipennis
Nysius nigricutellatus
Oxydema fusiforme
Pachybrachius nigriceps
Scatella sexnotata
Stoeberhinus testaceus

SPAIN:

Ceratitis capitata (?)
Chilo simplex (?)
Coninomus constrictus

TAHITI:

Cylas formicarius elegantulus

TANGANYIKA:

Callosobruchus chinensis

TRINIDAD:

Anastrepha serpentina
Aspidiotus herculeanus
Aulacaspis mangiferae
Conchaspis angraci
Dercynus micromyx
Euscepes postfasciatus
Furcaspis biformis
Oligembia nigra
Protopulvinaria pyriformis

UNION OF SOUTH AFRICA:

Caryopemon cruciger
Chirothrips manicatus

UNKNOWN:

Coccus viridis
Corecya cephalonica
Dacus oleae (?)
Furcaspis biformis
Heterobostrychus aequalis
Leucaspis cockerelli
Pectinophora gossypiella

VENEZUELA:

Acanthoscelides dominicanus
Coccus viridis
Eurytoma orchidearum
Euscepes postfasciatus
Frankliniella difficilis
Furcaspis biformis
Iridomyrmex iniquus nigella
Palaeopus costicollis
Pseudischinaspis bowreyi
Pulvinaria psidii
Tenthercoris bicolor

List of pests (diseases) collected and reported from July 1, 1943, to June 30, 1944, inclusive

[An asterisk indicates State inspection]

Disease and host	Country of origin	Number of interceptions			Collected in—
		Consumption	Nonentry	Propagation	
<i>Albugo bliti</i> (Biv.) Kuntze: <i>Amaranthus</i> sp.	Mexico.....	1			Ariz.
<i>Albugo candida</i> (Pers.) Kuntze: <i>Raphanus sativus</i> (radish)	do.....	1			Tex.
<i>Albugo ipomoeae-panduranae</i> (Schw.) Swing: <i>Ipomoea</i> sp. (morning-glory)	do.....	1			Tex.
<i>Albugo portulacae</i> (DC.) Kuntze: <i>Portulaca oleracea</i> (purslane)	do.....	1			Ariz.
<i>Alternaria citri</i> Ell. & Pierce: <i>Citrus aurantifolia</i> (sour lime)	do.....	1			Tex.
<i>Alternaria fasciculata</i> (Cke. & Ell.) L. R. Jones & Grout: <i>Lycopersicon esculentum</i> (tomato)	Australia.....		1		Calif.*
<i>Alternaria oryzae</i> Hara: <i>Oryza sativa</i> (rice)	Argentina.....	1			P. R.
<i>Alternaria porri</i> (Ell.) Clif.: <i>Allium cepa</i> (onion)	Mexico.....	9			Ariz., Tex.
<i>Aphelenchoides parietinus</i> (Bastian) Steiner: <i>Amaryllis</i> sp.	New Zealand.....		1		N. J.
<i>Aplanobacter michiganense</i> E. F. Sm.: <i>Lycopersicon esculentum</i> (tomato)	Mexico.....	4			Tex.
<i>Ascochyta lycopersici</i> Brun. (?): <i>Capsicum frutescens</i> (pepper)	do.....	1			Tex.
<i>Bacterium citri</i> (Hasse) Doidge (?): <i>Citrus limon</i> (lemon)	Union of South Africa.....	1			Mass.
<i>Bacterium holcicola</i> Elliott: <i>Sorghum vulgare</i> (sorghum)	Mexico.....		1		Tex.
<i>Bacterium malvacearum</i> E. F. Sm.: <i>Gossypium</i> sp. (cotton)	do.....	1			Tex.
<i>Bacterium pisi</i> (Sackett) E. F. Sm.: <i>Pisum sativum</i> (pea)	do.....	1			Tex.
<i>Bacterium rhizogenes</i> Riker et al.: <i>Malus pumila</i> (apple)	Canada.....		1		Wash.
<i>Bacterium savastanoi</i> E. F. Sm.: <i>Olea europaea</i> (olive)	Soldier's mail.....	1			N. Y.
<i>Botrytis allii</i> Munn: <i>Allium cepa</i> (onion)	Italy, Mexico, New He- brides, Panama.....	3	3		Calif.,* Md., Tex.
<i>Botrytis narcissicola</i> Kleb.: <i>Narcissus</i> sp.	England, North Ireland, soldier's mail.....			5	N. J., N. Y.
<i>Bremia lactucae</i> Regel: <i>Lactuca sativa</i> (lettuce)	Mexico.....	9			Tex.
<i>Catacauma huberi</i> (P. Henn.) Th. & Syd.: <i>Hevea brasiliensis</i> (para rubber tree)	Brazil.....		2		D. C.
<i>Hevea guianensis</i>	do.....		1		D. C.
<i>Ceratostomella ulmi</i> Buis.: <i>Ulmus</i> sp. (elm)	England.....	2			N. Y.
<i>Cercospora musae</i> Zimm.: <i>Musa paradisiaca sapientum</i> (banana)	Cuba, Guadeloupe, Mexico.....	13	1		Md., Tex.
<i>Cercospora sorghi</i> Ell. & Ev.: <i>Sorghum vulgare</i> (sorghum)	Mexico.....		1		Tex.
<i>Cercospora sorghi</i> Ell. & Ev. (?): <i>Sorghum halepense</i> (Johnson grass)	do.....		1		Tex.
<i>Cercospora vaginiae</i> Krueger: <i>Saccharum officinarum</i> (sugarcane)	do.....	1			Tex.
<i>Cerebella andropogonis</i> Ces.: <i>Paspalum</i> sp.	Australia, Queensland.....		2		Mass., N. Y.
<i>Cladosporium carpophilum</i> Thuem.: <i>Prunus persica</i> (peach)	Mexico.....	1			Tex.
<i>Cladosporium cucumerinum</i> Ell. & Arth.: <i>Cucurbita maxima</i> (squash)	do.....	1			Tex.
<i>Claviceps purpurea</i> (Fr.) Tul.: <i>Bromus</i> sp.	Canada.....		1		N. J.
<i>Secale cereale</i> (rye)	Portugal.....	1			Pa.
<i>Colletotrichum graminicolum</i> (Ces.) G. W. Wils.: Grass.....	Mexico.....	1			Wash.

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<i>Colletotrichum lagenarium</i> (Pass.) Ell. & Halst.:					
<i>Cucumis melo cantalupensis</i> (cantaloup).....	do.	1			Tex.
<i>Cucurbita maxima</i> (squash).....	New Caledonia		2		Calif.*
<i>Colletotrichum lineola</i> Cda.:					
<i>Sorghum halepense</i> (Johnson grass).....	Mexico		2		Tex.
<i>Sorghum vulgare</i> (sorghum).....	do.		1		Tex.
<i>Sorghum vulgare technicum</i> (broomcorn).....	do.	8			Tex.
<i>Colletotrichum pisi</i> Pat.:					
<i>Pisum sativum</i> (English pea).....	do.	1			Tex.
<i>Coniothyrium concentricum</i> (Desm.) Sacc.:					
<i>Agave</i> sp.	Military mail			1	Calif.*
<i>Coniothyrium hellebori</i> Cke. & Mass.:					
<i>Helleborus</i> sp.	British Columbia			1	Wash.
<i>Coniothyrium hysteroideum</i> Karst.:					
<i>Dasyllirion</i> sp.	Mexico	1			Tex.
<i>Cordana musae</i> (Zimm.) Hoehn.:					
<i>Musa paradisiaca sapientum</i> (banana).....	Puerto Rico	1			Fla.*
<i>Coryneum microstictum</i> Berk. & Br.:					
<i>Rosa blanda</i> (meadow rose).....	Canada			1	N. J.
<i>Cronartium ribicola</i> Fischer:					
<i>Ribes</i> sp. (currant).....	do.	1			N. Y.
<i>Cylindrosporium chrysanthemi</i> Ell. & Dearn.:					
<i>Chrysanthemum</i> sp.	Mexico	6			Tex.
<i>Cytospora palmicola</i> Berk. & Curt.:					
<i>Cocos nucifera</i> (coconut).....	British West Indies	1			N. Y.
<i>Cytospora tithymalina</i> Pass. & Beltr.:					
<i>Euphorbia antisyphilitica</i> (wax euphorbia).....	Mexico			1	N. J.
<i>Dematium pullulans</i> D By.:					
<i>Cattleya</i> sp. (orchid).....	England			1	N. J.
<i>Manihot esculenta</i> (cassava).....	Panama			1	N. J.
<i>Diaporthe controversa</i> (Desm.) Nits.:					
<i>Fragaria excelsior</i> (European ash).....	Scotland			1	N. J.
<i>Diaporthe phaseolorum</i> Sacc.:					
<i>Phaseolus</i> sp. (string bean).....	Mexico	1			Ariz.
<i>Diaporthe velata</i> (Pers.) Nits. (?):					
<i>Mahonia japonica</i> (Japanese mahonia).....	England			1	N. J.
<i>Dimerium agaves</i> (Ell. & Ev.) Rehm.:					
<i>Agave atrovirens</i> (pulque agave).....	Mexico	1			Tex.
<i>Diplodia coccarpa</i> Sacc. <i>malaccensis</i> Tassi:					
<i>Cocos nucifera</i> (coconut).....	South Pacific (Solomon Island area).	1			Oreg.
<i>Diplodia paraphysaria</i> Sacc.:					
<i>Cattleya mendeli gigantea</i> (orchid).....	Colombia			2	P. R.
<i>Cattleya</i> sp.	Colombia, Venezuela			3	P. R.
<i>Stanhopea</i> sp. (orchid).....	Costa Rica			1	Calif.*
<i>Diplodia theobromaea</i> (Pat.) Nowell:					
Palm.....	South Pacific (Solomon Island area).	1			Oreg.
<i>Discosia artocreas</i> Fr.:					
Leaf.....	Mexico		1		Tex.
<i>Ditylenchus dipsaci</i> (Kuhn) Filip.:					
<i>Hyacinthus</i> sp.	England			1	N. Y.
<i>Narcissus</i> sp.	England, soldier's mail			4	N. J.
<i>Dothidella ulai</i> P. Henn.:					
<i>Hevea lutea</i>	Brazil			1	D. C.
<i>Elsinoe australis</i> Bitanc. & Jenkins:					
<i>Citrus sinensis</i> (orange).....	Brazil, Uruguay		3		Md., N. Y.
<i>Endocalyx melanoanthus</i> (Berk. & Br.) Petch:					
<i>Cocos nucifera</i> (coconut).....	South Pacific (Solomon Island area), Service mail.	2			Mich., Oreg.
<i>Englerulaster baileyi</i> (Berk. & Br.) Th.:					
<i>Hakea microcarpa</i>	Australia	1			Mass.
<i>Erysiphe polygoni</i> DC.:					
<i>Pisum sativum</i> (pea).....	Mexico	4			Tex.
<i>Eurotium herbariorum</i> (Wigg.) Lk.:					
<i>Oryza sativa</i> (rice).....	India, Portugal	1	1		Md., Pa.
<i>Secale cereale</i> (rye).....	Portugal	1			Pa.
<i>Fomes pini</i> (Brot. ex Fr.) Lloyd (?):					
<i>Pinus</i> sp. (pine).....	Hawaii	1			Calif.*

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<i>Fusarium heterosporum</i> Nees:					
<i>Claviceps paspali</i> on <i>Paspalum</i> sp.	Australia			1	Mass.
<i>Fusarium maitii</i> Taub.:					
<i>Allium cepa</i> (onion)	Mexico	2			Tex.
<i>Fusarium trichothecioides</i> Wr.:					
<i>Solanum tuberosum</i> (potato)	do	2			Ariz.
<i>Gloeosporium catleyae</i> Sacc. & D. Sacc.:					
<i>Cattleya mendeli</i> gigantea (orchid)	Colombia			1	P. R.
<i>Cattleya</i> sp	Venezuela			1	P. R.
<i>Gloeosporium fructigenum</i> Berk.:					
<i>Malus pumila</i> (apple)	Tasmania		2		Pa.
<i>Gloeosporium leguminum</i> (Cke.) Sacc.:					
<i>Prosopis</i> sp. (mesquite)	Mexico		2		Tex.
<i>Gloeosporium mangiferae</i> P. Henn.:					
<i>Mangifera indica</i> (mango)	Haiti, Puerto Rico		2		P. R., Tex.
<i>Gloeosporium sorauerianum</i> Allesch.:					
<i>Codiaeum variegatum</i> (croton)	Bermuda	1			N. Y.
<i>Graphiola phoenicis</i> (Moug.) Poit.:					
Palm	Mexico	5			Tex.
<i>Helminthosporium cynodontis</i> Mariz.:					
<i>Cynodon dactylon</i> (Bermuda grass)	do		1		Tex.
<i>Helminthosporium gramineum</i> (Rab.) Eriks.:					
<i>Hordeum vulgare</i> (barley)	do		1		Tex.
<i>Helminthosporium oryzae</i> Breda de Haan.:					
<i>Oryza sativa</i> (rice)	Argentina	2			P. R.
<i>Helminthosporium turcicum</i> Pass.:					
<i>Sorghum halepense</i> (Johnson grass)	Mexico		3		Tex.
<i>Sorghum vulgare</i> (sorghum)	do		2		Tex.
<i>Zea mays</i> (corn)	do		1		Tex.
<i>Hendersonia tarmentorum</i> West.:					
<i>Mahonia japonica</i> (Japanese mahonia)	England			1	N. J.
<i>Heterosporium allii</i> Ell. & G. Martin:					
<i>Allium cepa</i> (onion)	Mexico	1			Tex.
<i>Hormodendron cladosporioides</i> (Fres.) Sacc.:					
<i>Lycopersicon esculentum</i> (tomato)	Curacao		1		Pa.
<i>Kuehneola uredinis</i> (Link) Arth.:					
<i>Rubus fruticosus</i> (European blackberry)	Australia	1			Mass.
<i>Leptosphaeria heterospora</i> (De N.) Niessl:					
<i>Iris susiana</i> (morning iris)	Soldier's mail			1	N. J.
<i>Iris</i> sp	Australia			1	N. J.
<i>Leptostroma donacis</i> Schw.:					
<i>Arundo donax</i> (giant reed)	North Africa		1		Md
<i>Leptothyrium pomi</i> (Mont. & Fr.) Sacc.:					
<i>Citrus sinensis</i> (orange)	Mexico		1		Calif.*
<i>Lethum australiense typicum</i> Holmes:					
<i>Lycopersicon esculentum</i> (tomato)	do	69			Ariz.
<i>Macrophoma opunticola</i> (Speg.) Sacc. & Syd.:					
<i>Opuntia</i> sp. (cactus)	Venezuela	1			Pa.
<i>Marmor cucumeris vulgare</i> Holmes:					
<i>Cucurbita maxima</i> (squash)	do		1		Tex.
<i>Marmor tabaci vulgare</i> Holmes:					
<i>Capiscum frutescens</i> (pepper)	do	89			Ariz.
<i>Marsonina potentillae</i> (Desm.) Fischer:					
<i>Fragaria</i> sp	Canada			1	N. J.
<i>Melampsora lini</i> (Pers.) Lév.:					
<i>Linum</i> sp. (flax)	England		1		Oreg.
<i>Melanconium sacchari</i> Mass.:					
<i>Saccharum officinarum</i> (sugarcane)	Cuba, Dominican Republic, Mexico.	2	7		Md., Pa., Tex.
<i>Melanconium sphaerospermum</i> (Fr.) Lk.:					
Bamboo	Mexico	1			Ariz.
<i>Mendoglia bambusina</i> Rac.:					
Bamboo	do	1			Tex.
<i>Monilochaetes infuscans</i> Ell. & Halst.:					
<i>Ipomoea batatas</i> (sweetpotato)	do	1			Ariz.
<i>Monilinia fructicola</i> (Wint.) (Honey):					
<i>Prunus persica</i> (peach)	do	1			Tex.
<i>Mycosphaerella citrullina</i> (C. O. Sm.) Gross:					
<i>Cucurbita pepo</i> (pumpkin)	Australia		1		Pa.
<i>Mycosphaerella gardeniae</i> (Cke.) Matsumura:					
<i>Gardenia augusta</i> (Cape-jasmine)	Mexico	1			Tex.

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<i>Mycosphaerella iridis</i> (Awd.) Schroet.:					
<i>Iris douglasiana</i> (?)	Soldier's mail			1	N. J.
<i>Mycosphaerella schoenoprasii</i> (Rab.) Schroet.:					
<i>Allium sativum</i> (garlic)	Azores		1		Pa.
<i>Mycosphaerella tulasnei</i> Jacz.:					
<i>Secale cereale</i> (rye)	Portugal	2			Pa.
<i>Nigrospora oryzae</i> (Berk. & Br.) Petch:					
<i>Oryza sativa</i> (rice)	India	1			N. Y.
<i>Nigrospora sphaerica</i> (Sacc.) Mason:					
<i>Zea mays</i> (corn)	Portugal			1	Pa.
<i>Papularia vinosa</i> (Berk. & Curt.) Mason:					
<i>Saccharum officinarum</i> (sugarcane)	Mexico	1			Tex.
<i>Penicillium gladioli</i> McCull. & Thom:					
<i>Dioscorea</i> sp. (yam)	Cuba		1		N. Y.
<i>Peronospora effusa</i> (Grev.) Rab.:					
<i>Spinacia oleracea</i> (spinach)	Mexico	30			Ariz.
<i>Peronospora parasitica</i> (Fr.) D By.:					
<i>Brassica oleracea capitata</i> (cabbage)	do		1		Tex.
<i>Pestalotia macrotricha</i> Kleb.:					
<i>Rhododendron</i> sp.	England			1	N. J.
<i>Phoma citricarpa</i> McAlp.:					
<i>Citrus limon</i> (lemon)	Australia		3		Calif.*
<i>Citrus sinensis</i> (orange)	do		3		Calif.*
<i>Phoma lingam</i> (Tode) Desm.:					
<i>Brassica oleracea capitata</i> (cabbage)	Mexico	1			Tex.
<i>Phoma pomi</i> Pass.:					
<i>Malus pumila</i> (apple)	do	1			Tex.
<i>Phoma terrestris</i> Hansen:					
<i>Allium cepa</i> (onion)	do	14			Ariz.
<i>Phyllachora cynodontis</i> (Sacc.) Niessl:					
<i>Cynodon dactylon</i> (Bermuda grass)	Iran	1			Md.
<i>Phyllachora graminis</i> (Pers.) Fckl.:					
Gramineae	Costa Rica	1			Calif.*
<i>Phyllachora nervisequia</i> (Schw.) Orton:					
<i>Elioturus argenteus</i>	Union of South Africa	1			N. Y.
<i>Phyllosticta amietii</i> Ell. & Ev.:					
<i>Arctostaphylos uva-ursi</i> (bearberry)	Portugal	1			N. Y.
<i>Phyllosticta clerodendri</i> Syd. & Butl. (?):					
<i>Clerodendron</i> sp.	Canal Zone			1	N. J.
<i>Phyllosticta mortoni</i> Fairm.:					
<i>Mangifera indica</i> (mango)	Mexico	1			Tex.
<i>Phyllosticta palmarum</i> Rab.:					
<i>Phoenix dactylifera</i> (date palm)	Iran			1	N. Y.
<i>Phyllosticta sorghina</i> Sacc.:					
<i>Sorghum halepense</i> (Johnson grass)	Mexico		3		Tex.
<i>Physalospora cattleyae</i> Maub. & Lasnier:					
<i>Cattleya skinneri</i> (orchid)	Guatemala			1	Tex.
<i>Physalospora orchidearum</i> P. Henn.:					
<i>Cattleya</i> sp. (?) (orchid)	Soldier's mail			1	N. J.
<i>Phytophthora parasitica</i> Dast.:					
<i>Cucurbita maxima</i> (squash)	Mexico	1			Ariz.
<i>Solanum melongena</i> (eggplant)	do	3			Ariz.
<i>Plasmiodiophora brassicae</i> Wor.:					
<i>Brassica rapa</i> (turnip)	Scotland		1		Pa.
<i>Pleospora herbarum</i> (Pers.) Rab.:					
<i>Allium sativum</i> (garlic)	Madeira Islands	1			Pa.
<i>Pseudoperonospora cubensis</i> (Berk. & Curt.) Rostow.:					
<i>Cucurbita maxima</i> (squash)	Mexico	2			Tex.
<i>Pseudopeziza medicaginis</i> (Lib.) Sacc.:					
<i>Medicago sativa</i> (alfalfa)	do	3			Tex.
<i>Puccinia anomala</i> Rostr.:					
<i>Hordeum vulgare</i> (barley)	Sicily	1			Pa.
<i>Puccinia antirrhini</i> Diet. & Holw.:					
<i>Antirrhinum majus</i> (snapdragon)	Bermuda		1		Md.
<i>Puccinia asparagi</i> DC.:					
<i>Asparagus</i> sp.	Mexico	1			Tex.
<i>Puccinia chrysanthemi</i> Roze:					
<i>Chrysanthemum</i> sp.	do	12			Ariz., Tex.

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<i>Puccinia coronata</i> Cda.: <i>Avena sativa</i> (oat).....	England, Italy,* Morocco, Portugal, Sicily, Soldier's mail.	8	---	1	N. J., Pa.
<i>Puccinia cynodontis</i> Lacroix: <i>Cynodon dactylon</i> (Bermuda grass).....	Mexico.....	---	1	---	Tex.
<i>Puccinia glumarum</i> (Schmidt) Eriks. & E. Henn.: <i>Secale cereale</i> (rye).....	Argentina, England, Madeira Islands, Portugal.	9	---	---	Pa.
<i>Triticum aestivum</i> (wheat).....	Argentina, England, Sicily.	3	---	---	Pa., P. R.
<i>Puccinia heterospora</i> Berk. & Curt.: <i>Malva</i> sp. (mallow).....	Mexico.....	1	---	---	Tex.
<i>Puccinia malvacearum</i> Bert.: <i>Malva parviflora</i> (little mallow).....	Australia.....	1	---	---	Mass.
<i>Puccinia melampodii</i> Diet. & Holw. (?): Leaf.....	Guatemala.....	1	---	---	P. R.
<i>Puccinia rubigo-vera</i> (DC.) Wint.: <i>Secale cereale</i> (rye).....	Portugal.....	3	---	---	Pa.
<i>Puccinia rubigo-vera tritici</i> (Eriks. & P. Henn.) Carleton: <i>Triticum aestivum</i> (wheat).....	Australia.....	1	---	---	Wash.
<i>Puccinia sorghi</i> Schw.: <i>Zea mays</i> (corn).....	Bolivia, Mexico.....	1	3	2	N. J., Tex.
<i>Puccinia tageticola</i> Diet. & Holw.: <i>Tagetes florida</i> (marigold).....	Mexico.....	3	---	---	Tex.
<i>Pythium debaryanum</i> Hesse: <i>Capiscum frutescens</i> (pepper).....	do.....	3	---	---	Ariz.
<i>Cucurbita maxima</i> (squash).....	do.....	1	---	---	Ariz.
<i>Lycopersicon esculentum</i> (tomato).....	do.....	1	---	---	Ariz.
<i>Ravenelia arizonica</i> Ell. & Ev.: <i>Prosopis</i> sp. (mesquite).....	do.....	---	5	---	Tex.
<i>Rhizoctonia bataticola</i> (Taub.) Butl.: <i>Allium sativum</i> (garlic).....	Portugal.....	---	1	---	Pa.
<i>Ipomoea batatas</i> (sweet potato).....	Guatemala.....	---	---	1	N. J.
<i>Schizophyllum commune</i> Fr.: <i>Khaya</i> sp.....	British West Africa, Gold Coast.	2	---	---	Md., Pa.
<i>Scirrhia bambusae</i> Turc.: Bamboo.....	South Pacific.....	1	---	---	Md.
<i>Scleropycnium aureum</i> Heald & I. M. Lewis: <i>Prosopis</i> sp. (mesquite).....	Mexico.....	---	1	---	Tex.
<i>Sclerotium rolfsii</i> Sacc.: Cactus.....	do.....	1	---	---	Tex.
<i>Musa paradisiaca sapientum</i> (banana).....	do.....	1	---	---	Ariz.
<i>Solanum tuberosum</i> (potato).....	do.....	2	3	---	Tex.
<i>Septoria apii</i> Chester: <i>Apium graveolens</i> (celery).....	do.....	2	---	---	Tex.
<i>Septoria apii-graveolentis</i> Dorogin: <i>Apium graveolens</i> (celery).....	Australia, Brazil, England.	---	5	---	Calif.,* N. Y., Pa.
<i>Septoria dianthi</i> Desm.: <i>Dianthus</i> sp. (carnation).....	Guatemala.....	1	---	---	Tex.
<i>Septoria secalis</i> Prill. & Del.: <i>Secale cereale</i> (rye).....	Madeira Islands, Portugal, Spain.	33	---	---	Pa.
<i>Septoria tritici</i> Desm.: <i>Secale cereale</i> (rye).....	Portugal.....	7	---	---	Pa.
Straw.....	England (?) (soldier's mail).	1	---	---	Pa.
<i>Triticum aestivum</i> (wheat).....	do.....	1	---	---	Pa.
<i>Speira cymbidii</i> Verpl.: <i>Oncidium sphacelatum</i> (orchid).....	Mexico.....	---	---	1	Calif.*
<i>Sphaceloma perseae</i> Jenkins: <i>Persea americana</i> (avocado).....	Cuba.....	---	1	---	P. R.
<i>Sphacelotheca cruenta</i> (Kuehn) A. A. Potter: <i>Sorghum vulgare technicum</i> (broomcorn).....	Mexico.....	---	1	---	Tex.

List of pests (diseases) collected and reported from July 1, 1943, to June 30, 1944, inclusive—Continued

Disease and host	Country of origin	Number of interceptions			Collected in—
		Consumption	Nonentry	Propagation	
<i>Sphacelotheca sorghi</i> (Lk.) Clint.:					
<i>Sorghum halepense</i> (Johnson grass)	do		3		Tex.
<i>Sorghum vulgare technicum</i> (broomcorn) ..	Mexico, Unknown	6			P. R., Tex.
<i>Sphaerotheca pannosa</i> (Wallr.) Lév.:					
<i>Rosa</i> sp.	Guatemala, Mexico, Venezuela	18	1		Fla., * Tex.
<i>Spongospora subterranea</i> (Wallr.) T. Johnson:					
<i>Solanum tuberosum</i> (potato)	Guatemala			1	N. J.
<i>Stachylidium theobromae</i> Turc.:					
<i>Musa paradisiaca sapientum</i> (banana)	Guadeloupe	1			Md.
<i>Stemphylium botryosum</i> Wallr.:					
<i>Allium sativum</i> (garlic)	Portugal		1		Pa.
<i>Tilletia caries</i> (DC.) Tul.:					
<i>Triticum aestivum</i> (wheat)	Mexico	205			Ariz.
<i>Tilletia foetida</i> (Wallr.) Liro:					
<i>Triticum aestivum</i> (wheat)	Argentina	1			P. R.
<i>Trochila ilicis</i> (Chev.) Cronan:					
<i>Ilex</i> sp. (holly)	England, soldier's mail.	2			N. Y.
<i>Uredo epidendri</i> P. Henn.:					
<i>Epidendrum atropurpureum</i> (orchid)	Venezuela			1	P. R.
<i>Uromyces caryophyllinus</i> (Schroet.) Wint.:					
<i>Dianthus</i> sp. (carnation)	Mexico	2			Tex.
<i>Uromyces fabae</i> (Pers.) D By.:					
<i>Vicia hirsuta</i> (tiny vetch)	Portugal	1			Pa.
<i>Uromyces striatus</i> Schroet.:					
<i>Medicago sativa</i> (alfalfa)	Mexico	2			Tex.
<i>Uromyces striatus medicaginis</i> (Pass.) Arth.:					
<i>Medicago sativa</i> (alfalfa)	do	3			Tex.
<i>Ustilago hordei</i> (Pers.) Lagh.:					
<i>Hordeum vulgare</i> (barley)	England, Iran, soldier's mail.	3		1	Md., N. Y., Pa.
<i>Ustilago maydis</i> (DC.) Cda.:					
<i>Zea mays</i> (corn)	Mexico	6			Tex.
<i>Ustilago tritici</i> (Pers.) Rostr.:					
<i>Triticum aestivum</i> (wheat)	Argentina, England, Mexico, soldier's mail.	4			Pa., P. R., Tex.
<i>Ustilago zeae</i> = <i>U. maydis</i> :					
<i>Verticillium albo-atrum</i> Reinke & Berth.:					
<i>Pachyrhizus</i> sp. (yam bean)	Mexico	1			Ariz.
<i>Verticillium albo-atrum</i> Reinke & Berth. (?):					
<i>Solanum tuberosum</i> (potato)	Egypt		1		Va.
<i>Volutella allii</i> Patterson:					
<i>Allium cepa</i> (onion)	Dominican Republic	1			P. R.

Hosts and diseases

AGAVE:

- Coniothyrium concentricum* (Deuteromycetes)
- Dimerium agaves* (Ascomycetes)

ALLIUM CEPA:

- Botrytis allii* (Deuteromycetes)
- Fusarium mali* (Deuteromycetes)
- Heterosporium allii* (Deuteromycetes)
- Macrosporium porri* (Deuteromycetes)
- Phoma terrestris* (Deuteromycetes)
- Volutella allii* (Deuteromycetes)

ALLIUM SATIVUM:

- Mycosphaerella schoenoprasii* (Ascomycetes)
- Pleospora herbarum* (Ascomycetes)
- Phizoclonia bataticola* (Deuteromycetes)
- Stemphylium botryosum* (Deuteromycetes)

AMARANTHUS:

- Albugo bliti* (Phycomycetes)

AMARYLLIS:

- Aphelenchoides parietinus* (Nematoda)

ANTIRRHINUM:

- Puccinia antirrhini* (Promycetes)

APIUM:

- Septoria apii* (Deuteromycetes)
- Septoria apii-graveolentis* (Deuteromycetes)

ARCTOSTAPHYLOS:

- Phyllosticta amicta* (Deuteromycetes)

ARUNDO:

- Leptostroma donacis* (Deuteromycetes)

ASPARAGUS:

- Puccinia asparagi* (Promycetes)

AVENA:

- Puccinia coronata* (Promycetes)

BAMBOO:

- Melanconium sphaerospermum* (Deuteromycetes)
- Mendogia bambusina* (Ascomycetes)
- Scirrhia bambusae* (Ascomycetes)

BRASSICA OLERACEA CAPITATA:

- Peronospora parasitica* (Phycomycetes)
- Phoma lingam* (Deuteromycetes)

BRASSICA RAPA:

- Plasmodiophora brassicae* (Phycomycetes)

BROMUS:

- Claviceps purpurea* (Ascomycetes)

CACTACEAE:

- Macrophoma opunticola* (Deuteromycetes)
- Sclerotium rolfsii* (Deuteromycetes)

CAPSICUM:

- Ascochyta lycopersici* (Deuteromycetes)
- Marmor tabaci vulgare* (Virus)
- Pythium debaryanum* (Phycomycetes)

CATTLEA. See Orchidaceae

*Hosts and diseases—Continued***CHRYSANTHEMUM:**

- Cylindrosporium chrysanthemi* (Deuteromycetes)
- Puccinia chrysanthemi* (Promycetes)

CITRUS AURANTIFOLIA:

- Alternaria citri* (Deuteromycetes)

CITRUS LIMON:

- Bacterium citri* (?) (Schizomycetes)
- Phoma citricarpa* (Deuteromycetes)

CITRUS SINENSIS:

- Elsinoe australis* (Ascomycetes)
- Leptothyrium pomi* (Deuteromycetes)
- Phoma citricarpa* (Deuteromycetes)

CLERODENDRON:

- Phyllosticta clerodendri* (Deuteromycetes)

COCOS:

- Cytospora palmicola* (Deuteromycetes)
- Diplodia coccarpa malaccensis* (Deuteromycetes)
- Endocaulix melanotanthus* (Deuteromycetes)

CODIAEUM

- Gloeosporium sorauerianum* (Deuteromycetes)

CUCUMIS:

- Colletotrichum lagenarium* (Deuteromycetes)

CUCURBITA:

- Cladosporium cucumerinum* (Deuteromycetes)
- Colletotrichum lagenarium* (Deuteromycetes)
- Marmor cucumeris vulgare* (Virus)
- Mycosphaerella citrullina* (Ascomycetes)
- Phytophthora parasitica* (Phycomycetes)
- Pseudoperonospora cubensis* (Phycomycetes)
- Pythium debaryanum* (Phycomycetes)

CYNODON:

- Helminthosporium cynodontis* (Deuteromycetes)
- Phyllachora cynodontis* (Ascomycetes)
- Puccinia cynodontis* (Promycetes)

DASYLIRION:

- Coniothyrium hysteroideum* (Deuteromycetes)

DIANTHUS:

- Septoria dianthi* (Deuteromycetes)
- Uromyces caryophyllinus* (Promycetes)

DIOSCOREA:

- Penicillium gladioli* (Deuteromycetes)

ELIONURUS:

- Phyllachora nervisequia* (Ascomycetes)

EPIDENDRUM. See Orchidaceae**EUPHORBIA:**

- Cytospora tithymalina* (Deuteromycetes)

FRAGARIA:

- Morsonina potentillae* (Deuteromycetes)

FRAXINUS:

- Diaporthe controversa* (Ascomycetes)

GARDENIA:

- Mycosphaerella gardeniae* (Ascomycetes)

GOSSYPIUM:

- Bacterium malvacearum* (Schizomycetes)

GRAMINEAE:

- Phyllachora graminis* (Ascomycetes)

HAKEA:

- Englerulaster baileyi* (Ascomycetes)

HELLEBORUS:

- Coniothyrium hellebori* (Deuteromycetes)

HEVEA:

- Catacauma huberi* (Ascomycetes)
- Dothidea ulei* (Ascomycetes)

HORDEUM:

- Helminthosporium gramineum* (Deuteromycetes)
- Puccinia anomala* (Promycetes)
- Ustilago hordei* (Promycetes)

HYACINTHUS:

- Ditylenchus dipsaci* (Nematoda)

ILEX:

- Trochila ilicis* (Ascomycetes)

IPOMOEA:

- Albugo ipomoeae-panduranae* (Phycomycetes)
- Monilochaetes infuscans* (Deuteromycetes)
- Rhizoctonia bataticola* (Deuteromycetes)

IRIS:

- Leptosphaeria heterospora* (Ascomycetes)
- Mycosphaerella iridis* (Ascomycetes)

KHAYA:

- Schizoglyphum commune* (Basidiomycetes)

LACTUCA:

- Bremia lactucae* (Phycomycetes)

LINUM:

- Melampsora lini* (Promycetes)

LYCOPERSICON:

- Alternaria fasciculata* (Deuteromycetes)
- Aplanobacter michiganense* (Schizomycetes)
- Hormodendron cladosporioides* (Deuteromycetes)

LYCOPERSICON—Continued.

- Lethum australiense typicum* (Virus)
- Pythium debaryanum* (Phycomycetes)

MAHONIA:

- Diaporthe velata* (?) (Ascomycetes)
- Hendersonia sarmentorum* (Deuteromycetes)

MALUS:

- Bacterium rhizogenes* (Schizomycetes)
- Gloeosporium fructigenum* (Deuteromycetes)
- Phoma pomi* (Deuteromycetes)

MALVA:

- Puccinia heterospora* (Promycetes)
- Puccinia malvacearum* (Promycetes)

MANGIFERA:

- Gloeosporium mangiferae* (Deuteromycetes)
- Phyllosticta mortoni* (Deuteromycetes)

MANIHOT:

- Dematium pullulans* (Deuteromycetes)

MEDICAGO:

- Pseudopeziza medicaginis* (Ascomycetes)
- Uromyces striatus* (Promycetes)
- Uromyces striatus medicaginis* (Promycetes)

MUSA:

- Cercospora musae* (Deuteromycetes)
- Cordana musae* (Deuteromycetes)
- Sclerotium rolfsii* (Deuteromycetes)
- Stachyidium theobromae* (Deuteromycetes)

NARCISSUS:

- Botrytis narcissicola* (Deuteromycetes)
- Ditylenchus dipsaci* (Nematoda)

OLEA:

- Bacterium savastanoi* (Schizomycetes)

ONCIDIUM. See Orchidaceae**OPUNTIA.** See Cactaceae**ORCHIDACEAE:**

- Dematium pullulans* (Deuteromycetes)
- Diplodia paraphysaria* (Deuteromycetes)
- Gloeosporium cattleyae* (Deuteromycetes)
- Physalospora cattleyae* (Ascomycetes)
- Physalospora orchidearum* (Ascomycetes)
- Spira cymbidii* (Deuteromycetes)
- Uredo epidendri* (Promycetes)

ORYZA:

- Alternaria oryzae* (Deuteromycetes)
- Eurotium herbariorum* (Ascomycetes)
- Helminthosporium oryzae* (Deuteromycetes)
- Nigrospora oryzae* (Deuteromycetes)

PACHYRHIZUS:

- Verticillium albo-atrum* (Deuteromycetes)

PALM:

- Diplodia theobromae* (Deuteromycetes)
- Graphiola phoenicis* (Promycetes)

PASPALUM:

- Cerebella andropogonis* (Deuteromycetes)
- Fusarium heterosporum* (Deuteromycetes)

PERSEA:

- Sphaeloma perseae* (Deuteromycetes)

PHASEOLUS:

- Diaporthe phaseolorum* (Ascomycetes)

PHOENIX:

- Phyllosticta palmarum* (Deuteromycetes)

PINUS:

- Fomes pini* (?) (Basidiomycetes)

PISUM:

- Bacterium pisi* (Schizomycetes)
- Colletotrichum pisi* (Deuteromycetes)
- Erysiphe polygoni* (Ascomycetes)

PORTULACA:

- Albugo portulacae* (Phycomycetes)

PROSOPIS:

- Gloeosporium leguminum* (Deuteromycetes)
- Ravenelia arizonica* (Promycetes)
- Scleropycnium aureum* (Deuteromycetes)

PRUNUS:

- Cladosporium carpophilum* (Deuteromycetes)
- Morillella fructicola* (Ascomycetes)

RAPIANUS:

- Albugo candida* (Phycomycetes)

RHOIODENDRON:

- Pestlotia macrotricha* (Deuteromycetes)

RIBES:

- Cronartium ribicola* (Promycetes)

ROSA:

- Coryneum microstictum* (Deuteromycetes)
- Sphaerotheca pannosa* (Ascomycetes)

RUBUS:

- Kuehneola uredinis* (Promycetes)

Hosts and diseases—Continued

SACCHARUM:

- Cercospora raginiae* (Deuteromycetes)
- Melanconium sacchari* (Deuteromycetes)
- Papularia vinosa* (Deuteromycetes)

SECALE:

- Claviceps purpurea* (Ascomycetes)
- Eurotium herbariorum* (Ascomycetes)
- Mycosphaerella tulasnei* (Ascomycetes)
- Puccinia glumarum* (Promycetes)
- Puccinia rubigo-vera* (Promycetes)
- Septoria secalis* (Deuteromycetes)
- Septoria tritici* (Deuteromycetes)

SOLANUM MELONGENA:

- Phytophthora parasitica* (Phycomycetes)

SOLANUM TUBEROSUM:

- Fusarium trichothecioides* (Deuteromycetes)
- Sclerotium rolsfii* (Deuteromycetes)
- Spongospora subterranea* (Phycomycetes)
- Verticillium albo-atrum* (?) (Deuteromycetes)

SORGHUM HALEPENSE:

- Cercospora sorghi* (?) (Deuteromycetes)
- Colletotrichum lineola* (Deuteromycetes)
- Helminthosporium turcicum* (Deuteromycetes)
- Phyllosticta sorghina* (Deuteromycetes)
- Sphacelotheca sorghi* (Promycetes)

SORGHUM VULGARE:

- Bacterium holcicola* (Schizomycetes)
- Cercospora sorghi* (Deuteromycetes)

SORGHUM VULGARE—Continued.

- Colletotrichum lineola* (Deuteromycetes)
- Helminthosporium turcicum* (Deuteromycetes)

SORGHUM VULGARE TECHNICUM:

- Colletotrichum lineola* (Deuteromycetes)
- Sphacelotheca cruenta* (Promycetes)
- Sphacelotheca sorghi* (Promycetes)

SPINACIA:

- Peronospora effusa* (Phycomycetes)

STANHOPEA. See Orchidaceae

TAGETES:

- Puccinia tagetica* (Promycetes)

TRITICUM:

- Puccinia glumarum* (Promycetes)
- Puccinia rubigo-vera tritici* (Promycetes)
- Septoria tritici* (Deuteromycetes)
- Tilletia caries* (Promycetes)
- Tilletia foetida* (Promycetes)
- Ustilago tritici* (Promycetes)

ULMUS:

- Ceratostomella ulmi* (Ascomycetes)

VICIA:

- Uromyces fabae* (Promycetes)

ZEA:

- Helminthosporium turcicum* (Deuteromycetes)
- Nigrospora sphaerica* (Deuteromycetes)
- Puccinia sorghi* (Promycetes)
- Ustilago maydis* (Promycetes)

Hosts unknown

GRASS:

- Colletotrichum graminicolum* (Deuteromycetes)

HAY:

- Puccinia coronata* (Promycetes)

LEAF:

- Dioscoria artocreas* (Deuteromycetes)
- Puccinia melampodii* (Promycetes)

STRAW:

- Septoria tritici* (Deuteromycetes)

Country of origin and diseases

ARGENTINA:

- Alternaria oryzae*
- Helminthosporium oryzae*
- Puccinia glumarum*
- Tilletia foetida*
- Ustilago tritici*

AUSTRALIA:

- Alternaria fasciculata*
- Cerebella andropogonis*
- Englerulaster baileyi*
- Fusarium heterosporum*
- Kuehneola uredinis*
- Leptosphaeria heterospora*
- Mycosphaerella citrullina*
- Phoma citricarpa*
- Puccinia malvacearum*
- Puccinia rubigo-vera tritici*
- Septoria apii-graveolentis*

AZORES:

- Mycosphaerella schoenoprasii*

BERMUDA:

- Gloeosporium sorauerianum*
- Puccinia antirrhini*

BOLIVIA:

- Puccinia sorghi*

BRAZIL:

- Catacuma huberi*
- Dothidea ulmi*
- Elsinoe australis*
- Septoria apii-graveolentis*

BRITISH COLUMBIA:

- Coniothyrium hellebori*

BRITISH WEST AFRICA:

- Schizophyllum commune*

BRITISH WEST INDIES:

- Cytospora palmicola*

CANADA:

- Bacterium rhizogenes*
- Claviceps purpurea*
- Coryneum microstictum*
- Cronartium ribicola*
- Marssonina potentillae*

CANAL ZONE:

- Phyllosticta clerodendri* (?)

COLOMBIA:

- Diplodia paraphysaria*
- Gloeosporium cattleyae*

COSTA RICA:

- Diplodia paraphysaria* (?)
- Phyllachora graminis*

CUBA:

- Cercospora musae*
- Melanconium sacchari*
- Penicillium gladioli*
- Sphaceloma perseae*

CURACAO:

- Hormodendron cladosporioides*

DOMINICAN REPUBLIC:

- Melanconium sacchari*
- Volutella allii*

EGYPT:

- Verticillium albo-atrum* (?)

ENGLAND:

- Botrytis narcissicola*
- Ceratostomella ulmi*
- Dematium pullulans*
- Diaporthe velata* (?)
- Ditylenchus dipsaci*
- Hendersonia sarmentorum*
- Melampsora lini*
- Pestalotia macrotricha*
- Puccinia coronata*
- Puccinia glumarum*
- Septoria apii-graveolentis*
- Septoria tritici*
- Trochila ilicis*
- Ustilago hordei*
- Ustilago tritici* (?)

GOLD COAST:

- Schizophyllum commune*

GUADELOUPE:

- Cercospora musae*
- Stachyridium theobromae*

GUATEMALA:

- Physalospora cattleyae*
- Puccinia melampodii*
- Rhizoctonia bataticola*
- Septoria dianthi*
- Sphaerotheca pannosa*
- Spongospora subterranea*

HAITI:

- Gloeosporium mangifera*

HAWAII:

- Fomes pini* (?)

Country of origin and diseases—Continued

INDIA:

Eurotium herbariorum
Nigrospora oryzae

IRAN:

Phyllachora cynodontis
Phyllosticta palmarum
Ustilago hordei

ITALY:

Botrytis allii
Puccinia coronata

MADEIRA ISLANDS:

Pleospora herbarum
Puccinia glumarum
Septoria secalis

MEXICO:

Albugo bliti
Albugo candida
Albugo ipomoeae-panduranae
Albugo portulacae
Alternaria citri
Aplanobacter michiganense
Ascochyta lycopersici (?)
Bacterium holcicola
Bacterium malvacearum
Bacterium pisi
Botrytis allii
Bremia lactucae
Cercospora musae
Cercospora sorghi
Cercospora vaginae
Cladosporium carpophilum
Cladosporium cucumerinum
Colletotrichum graminicolum
Colletotrichum lagenarium
Colletotrichum lincola
Colletotrichum pisi
Coniothyrium hysteroideum
Cylindrosporium chrysanthemi
Cytospora tithymalina
Diaporthe phaseolorum
Dimerium agaves
Discozia artocreas
Erysiphe polygoni
Fusarium malli
Fusarium trichothecioides
Gloeosporium leguminum
Grahiola phoenicis
Helminthosporium cynodontis
Helminthosporium gramineum
Helminthosporium turcicum
Heterosporium allii
Leptothyrium pomi
Lethum australiense typicum
Macrosporium porri
Marmor cucumeris vulgare
Marmor tabaci vulgare
Melanconium sacchari
Melanconium sphaerospermum
Mendogia bambusina
Monilinia fruticicola
Monilochaetes infuscans
Mycosphaerella gardeniae
Papularia vinosa
Peronospora effusa
Peronospora parasitica
Phoma lingam
Phoma pomi
Phoma terrestris
Phyllosticta mortoni
Phyllosticta sorghina
Phytophthora parasitica
Pseudoperonospora cubensis
Pseudopeziza medicaginis
Puccinia asparagi
Puccinia chrysanthemi
Puccinia cynodontis
Puccinia heterospora
Puccinia sorghi
Puccinia tageticola
Pythium debaryanum
Ravenelia arizonica
Scleropycnium aureum
Sclerotium rolfsii
Septoria api
Spira cimbidi
Sphaelotheca cruenta

MEXICO—Continued.

Sphaelotheca sorghi
Sphaerotheca pannosa
Tilletia caries
Uromyces caryophyllinus
Uromyces striatus
Uromyces striatus medicaginis
Ustilago maydis
Ustilago tritici
Verticillium albo-atrum

MOROCCO:

Puccinia coronata

NEW CALEDONIA:

Colletotrichum lagenarium

NEW HEBRIDES:

Botrytis allii

NEW ZEALAND:

Aphelenchoides parietinus

NORTH AFRICA:

Leptostroma donacis

NORTH IRELAND:

Botrytis narcissicola

PANAMA:

Botrytis allii
Dematium pullulans

PORTUGAL:

Claviceps purpurea
Eurotium herbariorum
Mycosphaerella tulasnei
Nigrospora sphaerica
Phyllosticta amica
Puccinia coronata
Puccinia glumarum
Puccinia rubigo-vera
Rhizoctonia bataticola
Septoria secalis
Septoria tritici
Stemphylium botryosum
Uromyces fabae

PUERTO RICO:

Cordana musae
Gloeosporium mangiferae

QUEENSLAND:

Cerebella andropogonis

SCOTLAND: ;

Diaporthe controversa
Plasmodiophora brassicae

SICILY:

Puccinia anomala
Puccinia coronata
Puccinia glumarum

SOUTH PACIFIC:

Diplodia coccarpa malaccensis
Diplodia theobromae
Endocalyx melanoranthus
Scirrhia bambusae

SPAIN:

Septoria secalis

TASMANIA:

Gloeosporium fructigenum

UNION OF SOUTH AFRICA:

Bacterium citri (?)
Phyllachora nervisequia

UNKNOWN:

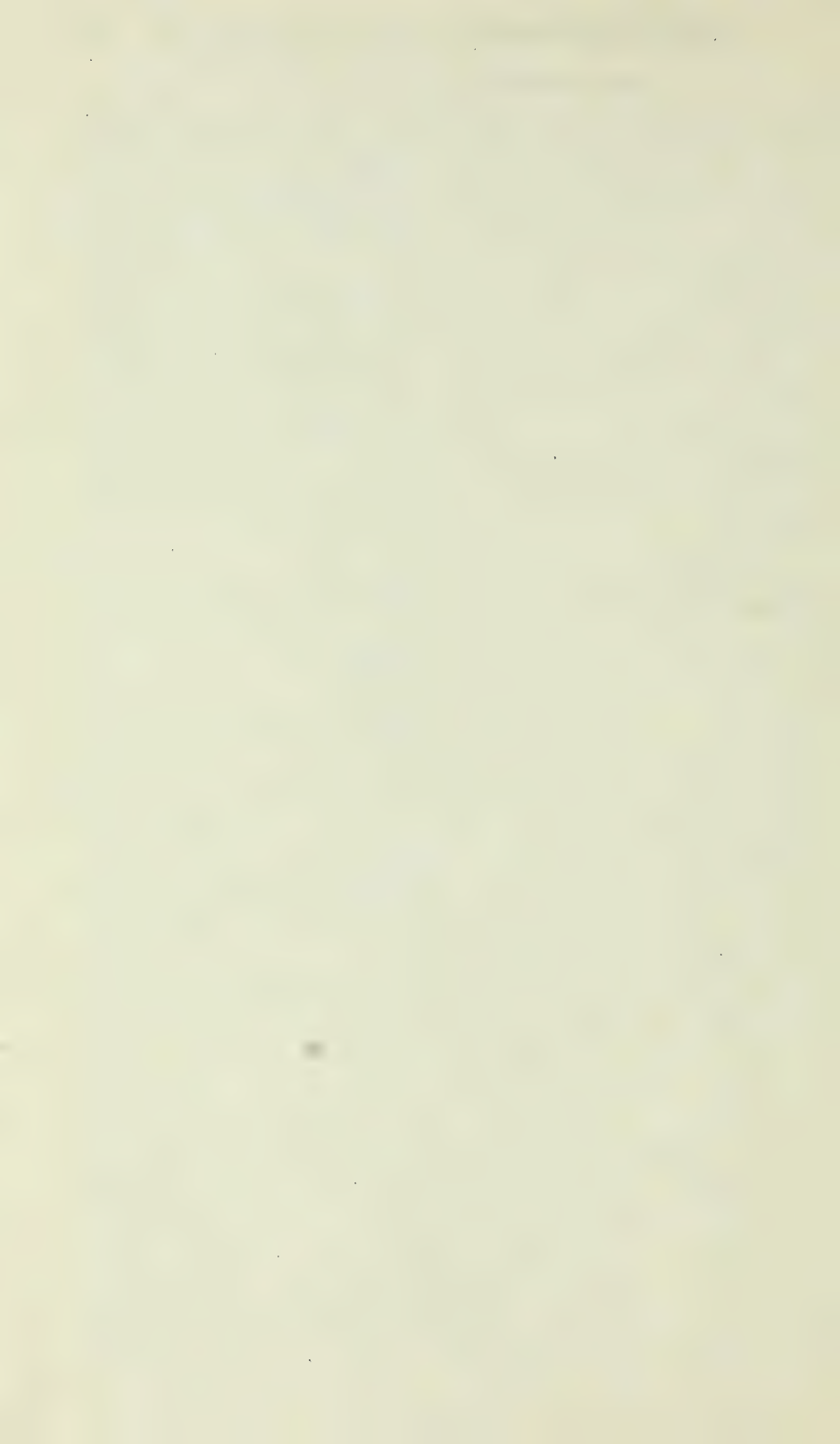
Bacterium savastanoi
Botrytis narcissicola
Coniothyrium concentricum
Ditylenchus dipsaci
Endocalyx melanoranthus
Leptosphaeria heterospora
Mycosphaerella tridis
Physalospora orchidearum
Puccinia coronata
Sphaelotheca sorghii
Trochila ilicis
Ustilago hordei
Ustilago tritici

URUGUAY:

Elsinoe australis

VENEZUELA:

Diplodia paraphysaria
Gloeosporium cattleyae
Macrophoma opunticola
Sphaerotheca pannosa (?)
Uredo epidendri



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UNITED STATES DEPARTMENT OF AGRICULTURE

AGRICULTURAL RESEARCH ADMINISTRATION

BUREAU OF ENTOMOLOGY AND PLANT QUARANTINE

SERVICE AND REGULATORY ANNOUNCEMENTS

LIST OF INTERCEPTED PLANT PESTS, 1945¹

(List of Pests Recorded During the Period July 1, 1944, to June 30, 1945, Inclusive, as Intercepted in, on, or with Plants and Plant Products Entering United States Territory.)

INTRODUCTION

This report, covering the thirty-second year for which interception lists have been issued, summarizes the records of insect pests and plant pathogens found in, on, or with plants and plant products (1) imported, (2) offered for but refused entry, (3) held as ships' stores, etc., and hence not offered for entry through customs, (4) offered for entry for immediate export or for immediate transportation and exportation in bond, and (5) in domestic shipments between Hawaii and Puerto Rico and the mainland.

Collections made late in the year are included in the report for the following year, since determinations cannot be obtained immediately for all of them. Occasionally determinations are delayed for longer periods. The data for this list are obtained from routine reports by personnel of this Bureau, supplemented by information supplied by State and customs officials. The States of California and Florida and the Territory of Hawaii maintain staffs of specialists to make determinations of material collected at their ports. Specialists of the Bureau of Plant Industry, Soils, and Agricultural Engineering determine many of the difficult or unusual pathogens collected at all ports.

The scientific names are reviewed by appropriate specialists in the Department to see that they conform to the international rules of nomenclature.

While every reasonable effort is made to give the correct origin for all collections listed, the alleged origin cannot be verified in some cases, especially under wartime conditions. This necessitates the listing of some collections as of unknown origin, or omitting them entirely.

Aircraft arrivals during the year increased markedly and service mail continued to arrive in large volume. The cooperation of air lines and service personnel in the enforcement of plant quarantine regulations kept the transportation of possibly dangerous plant material down to a relatively low point.

The end of hostilities in Europe and the increased magnitude of operations in the Pacific area are believed not to have had any marked effect on the interceptions during the period covered by this report.

SPECIMENS FROM SERVICE MAIL

Service mail continues to be one of the important avenues by which plant pests may gain entry. The following are some of the insects that were taken: *Apion ochropus* (Curculionidae), *A. pomonae*, and *Bruchus rufipes* (Bruchidae) in vetch, *Chilo simplex* (?) (Crambidae) in rice straw, *Dinoderus bifoveolatus* (Bostrichidae) in rice straw, *D. brevis*, and *D. ocellaris* in bamboo, *Enicmus minutus* (Lathridiidae) with hay and grass skirt, *Forficula auricularia* (Forficulidae) with wheat straw, *Heterobostrychus aequalis* (Bostrichidae) in rice straw and wood strips on parcel post package, *Laspeyresia splendana* (Olethreutidae) in chestnut, *Lepidosaphes juniperi* (Coccidae) on fruit of *Juniperus* sp., *Minthea rugicollis* (Lyctidae) in wood case, *Pectinophora gossypiella* (Gelechiidae) in cotton packing and cotton-

¹ Compiled by N. Rex Hunt, pathologist, Judith Hunt, scientific aid, and H. L. Sanford, entomologist, Division of Foreign Plant Quarantines.

seed, *Poronotus constrictus* (Anthracoridae) on grass skirt, and *Sitona sulcifrons* (Curculionidae) with cotton waste.

More than 40 different fungi were found on plant materials in service mail during the year. Among these fungi was the destructive flag smut of wheat (*Urocystis tritici*), found on wheat straw used as packing, on three occasions. Other smuts found were kernel smut (*Tilletia horrida*) of rice, covered smut (*Ustilago kollerii*) of oats, and loose smut (*U. tritici*) of wheat. Cereal rusts in service mail included leaf rust (*Puccinia anomala*) of barley, crown rust (*P. coronata*) of oats, stripe rust (*P. glumarum*) of wheat, and black stem rust (*P. graminis*) on oats, rice, wheat, and undetermined straw and grass. While all these smuts and rusts, except flag smut, are well established in this country, the material intercepted may represent races or strains that do not occur here and that might be destructive to our commercial varieties which have been developed for resistance to those pathogenic races already here. Several other diseases of cereals and diseases of ornamentals and miscellaneous plants were found in service mail.

INTERCEPTIONS FROM AIR-BORNE MATERIAL

Mail, baggage, express, and some freight arrive by airplane. Air-borne material is so common that in many cases no record is made of the fact that intercepted material arrived by air. Of the 2,374 insect interceptions reported as on air-borne material, 315 were taken from baggage, 133 from cargo, 2 from mail, 1,888 from quarters, and 36 from stores. Of the 56 plant-disease interceptions, 18 were from baggage, 12 from express, 10 from cargo, 10 from mail, and 6 from quarters and stores. About half of the organisms reported on air-borne material were not determined to species. However, we have no evidence that these or others of the 33 organisms concerned represent serious risks of themselves. They merely serve to show that numerous plant diseases are carried by aircraft. Other and more dangerous organisms may have been present in incipient stages in which they could not be detected or determined.

Among the insects found in air-borne material was 1 larva of the Mexican fruitfly (*Anastrepha ludens*) in a slice of an orange being served in a salad from Mexico; 4 larvae of the West Indian fruitfly (*A. mombinpraeoptans*) in a mango concealed in the forecabin of an airplane from Haiti and another larva of *A. mombinpraeoptans* in mango from Puerto Rico; 2 larvae of *A. serpentina* in sapodilla in stores from Brazil; 1 larva of *A. suspensa* (?) in guava in baggage from Cuba; 1 larva of the melon fly (*Dacus cucurbitae*) in tomato in stores from Hawaii; woolly whitefly (*Aleurothrixus howardi*) on citrus leaf in baggage from Colombia; cloudy-winged whitefly (*Dialeurodes citrifolii*) on citrus leaves in baggage from Colombia, Cuba, and Puerto Rico; 2 larvae and 6 pupae of the pink bollworm (*Pectinophora gossypiella*) in cottonseed in express from Antigua; cowpea weevil (*Callosobruchus maculatus*) in chickpea (?) in baggage from Venezuela.

Among the plant-disease organisms found on air-borne material were *Alternaria dianthi* on carnations in baggage from Venezuela; *Ascochyta* sp., *Colletotrichum orchidearum*, and *Gloeosporium cattleyae* on orchids in express from Colombia; *Bacterium vesicatorium* on tomatoes in cargo from Cuba; *Colletotrichum cinctum* on an orchid in express from Costa Rica; *C. falcatum* in sugarcane in baggage from Cuba; *Elsinoe fawcetti* on oranges in stores from Brazil and Trinidad, and on an orange leaf in baggage from Mexico; *Glomerella cingulata* on a pepper in baggage from Cuba; *Penicillium digitatum* on oranges in baggage from Italy and China; *Ustilago hordei*, covered smut of barley, in baggage from Egypt; and several rice diseases, some incompletely determined, in mail from the armed forces overseas.

NOTES ON INSECTS INTERCEPTED

FRUITFLIES

Anastrepha fraterculus (?) was intercepted in grapefruit from Brazil and in orange from Trinidad. The Mexican fruitfly (*A. ludens*) was taken in mango and orange from Guatemala, and apple, avocado, grapefruit, mango, orange, peach, pear, pomegranate, quince, sapote, sour orange, sweet lime, and white-sapote from Mexico. The West Indian fruitfly (*A. mombinpraeoptans*) was intercepted in mango from British Honduras, Haiti, Jamaica, and Puerto Rico, and in guava from Cuba. *A. serpentina* was intercepted in sapodilla from Brazil, in star-apple from Dominican Republic, and in mamey from Mexico and Salvador. *A. suspensa* (?) arrived in guava from Cuba. The Mediterranean fruitfly (*Ceratitis*

capitata) was intercepted in grapefruit from Australia, in grapefruit and orange from Egypt, in mango and tomato from Hawaii, in orange from Palestine and Spain, in apple and grape from Portugal, and probably the Mediterranean fruitfly in orange from Brazil and in grapefruit from South Africa. The melon fly (*Dacus cucurbitae*) was found in cucumber, string bean, and tomato from Hawaii, and probably the melon fly in squash from Hawaii. The apple maggot (*Rhagoletis pomonella*) arrived in apple from Mexico. *R. striatella* was taken in husk tomato from Mexico. The papaya fruitfly (*Toxotrypana curvicauda*) was intercepted in a corn cob from Mexico.

INSECTS OTHER THAN FRUITFLIES

Acanthoscelides armitagei (Bruchidae) was intercepted in seeds of *Cajanus cajan* from the Canal Zone. The citrus blackfly (*Aleurocanthus woglumi*) was taken on foliage of orange and sour lime from Mexico. *Asterolecanium bambusae* (Coccidae) arrived on bamboo from Costa Rica and Mexico. The turnip gall weevil (*Ceutorhynchus pleurostigma*) was found in rutabaga and turnip galls from England. *Conotrachelus aguacatae* (Curculionidae) was intercepted in avocado from Mexico. *Curculio g-griseae* (Curculionidae) infested acorns from Mexico. *Cylas puncticollis* (Curculionidae) was taken in sweetpotato from Sierra Leone. *Epicaerus cognatus* (Curculionidae) was found in potato from Mexico. *Epinotia opposita* (Olethreutidae) infested string beans from Mexico and Peru. *Eurycippita vestitus* (Miridae) was intercepted on orchid plants from Guatemala and Mexico. The orchid fly (*Eurytoma orchidearum*) arrived in *Cattleya* sp. from Brazil and Venezuela. The West Indian sweetpotato weevil (*Euscepes postfasciatus*) was taken in sweetpotatoes from Brazil, Cuba, and Trinidad. *Frankliniella difficilis* (Thripidae) was found on *Rosa* sp. from Venezuela. The azalea leaf miner (*Gracilaria azaleella*) (Gracilariidae) infested the leaves of *Rhododendron* sp. from Canada. *Laspeyresia splendana* (Olethreutidae) was intercepted in acorns from Algeria and Spain and in chestnuts from France, Italy, and Portugal. *Leperisinus fraxini* (Scolytidae) arrived under the bark of ash wood from England. *Leucinodes elegantalis* (Pyraustidae) was found in tomatoes from Mexico. *Limothrips cerealium* (Thripidae) was taken on *Cattleya* sp. and *Cymbidium* sp. from England. *Liriomyza pusilla* (Agromyzidae) arrived with tomatoes from Mexico. The chrysanthemum aphid (*Macrosiphoniella sanborni*) (Aphidae) was intercepted on *Chrysanthemum* sp. from Canada. The silky cane weevil (*Metamasius sericeus*) (Curculionidae) infested bananas from Costa Rica. *Monomorium destructor* (Formicidae) arrived with *Schomburgkia* sp. from Cayman Islands. *Mordellistena cattleyana* (Mordellidae) was found in the leaves of *Cattleya* sp. from Brazil and Colombia. *Morganella longispina* (Coccidae) was taken on grapefruit from Tahiti and on orange from Australia. *Neofurios carvalhoi* (Miridae) was intercepted on *Cattleya* sp. from Venezuela. *Parahagadochir trinitatis* (Embiidae) arrived on *Cattleya* sp. from Venezuela. *Parthenothrips dracaenae* (Thripidae) infested the leaves of *Cymbidium* sp. from England. *Psalius hibisci* (Aleyrodidae) was taken on the leaves of *Hibiscus* sp. from Hawaii. The pink bollworm (*Pectinophora gossypiella*) was intercepted in cottonseed from Antigua, Argentina, Cuba, and the Virgin Islands, in cotton bolls and cottonseed from Hawaii, and in cottonseed in soldiers' mail from Egypt. *Pemphigus auriculae* (Aphidae) was found on the roots of *Primula auricula* from England. *Pyraia scabie* (Fungivoridae) arrived with dashen from the Azores and with *Amaryllis* sp., Easter lily, and *Gladiolus* sp. from Mexico. The cabbage looper (*Trichoplusia ni*) (Phalaenidae) infested cabbage from Cuba and cabbage and pepper from Mexico.

NOTES ON PLANT DISEASES INTERCEPTED

The most interesting plant-disease interceptions of the year, were those of wheat flag smut (*Urocystis tritici*) in three of five cargoes of wheat from Australia, brought in for processing under safeguards to help relieve a feed shortage. Flag smut was also intercepted on wheat straw in service mail. Among the other interesting interceptions were citrus canker (*Bacterium citri*) on grapefruit from Australia; citrus black spot (*Phoma citricarpa*) on oranges and lemons from Australia; sweet orange scab (*Elsinoe australis*) on orange and lemon from Brazil; and wilt (*Fusarium orthoceras* var. *gladioli*), penicillium rot (*Penicillium gladioli*), and scab (*Bacterium marginatum*), severe infections on some of the shipments of gladiolus corms offered for entry in carload lots from Mexico for the first time. A number of shipments of garlic from one area in Mexico were found to have a strain of the bulb and stem nematode (*Ditylenchus dipsaci*) in up to 5 percent of

the bulbs. Shipments of sour limes from another locality in Mexico were regularly affected by an undetermined yellow spotting, mottling, and distortion, which might be due to an unreported virus. A brown rot (*Sclerotinia fructigena*) not known to occur in this country was found on an apple in stores from Portugal. Peas in stores from Portugal were found to be infected by *Cladosporium pisicolum*, which was originally described from California only a few years ago.

Of the 203 species of pathogens or other organisms listed in the table, 51 were new to the interception files. Interceptions of the other 152 pathogens showed 64 new countries of origin and 26 new hosts. The names of two pathogens were changed, viz, *Ditylenchus dipsaci* on potato to *D. destructor*, and *Melanconium* sp. on tomato from Mexico to *Myrothecium roridum*.

COMMON PESTS INTERCEPTED

During the course of inspections of plant material, cosmopolitan and other pests common in this country are found in large numbers. It is customary to record some of these findings in order to give a clearer picture of the condition of material offered for entry. Common pests are frequently checked to make sure new pests resembling common pests are not being overlooked. The recording of common pests has been greatly curtailed as a result of the pressure of work on inspectors. Such records as were made are summarized here. The first number following the name of a pest indicates the number of countries of origin and the second the total number of interceptions that were recorded during the year.

INSECTS

Insects intercepted 10 or more times, and recorded, included *Acanthoscelides oblectus* (8-14), *Ahasversus advena* (21-82), *Anthonomus eugenii* (3-1, 837), *Aonidiella aurantii* (10-70), *Aphis gossypii* (6-16), *Araecerus fasciculatus* (16-31), *Aspidiotus camelliae* (3-10), *A. cyanophylli* (4-27), *A. hederæ* (5-15), *A. lataniae* (22-390), *Carpocapsa pomonella* (7-205), *Cerataphis lataniae* (8-64), *Chrysomphalus aonidium* (24-224), *C. dictyospermi* (18-45), *Coccus hesperidum* (13-46), *Diaspis boisduvalii* (22-539), *D. bromeliae* (3-10), *Etiella zinckenella* (2-12), *Gnorimoschema operculella* (14-75), *Heliothis armigera* (7-6, 280), *H. virescens* (1-54), *Hippodamia convergens* (1-10), *Howardia biclavus* (10-21), *Ischnaspis longirostris* (3-12), *Keiferia lycopersicella* (1-6, 621), *Laphygma exigua* (1-184), *L. frugiperda* (2-537), *Lasioderma serricorne* (11-25), *Lepidosaphes beekii* (41-348), *L. gloverii* (9-26), *L. ulmi* (6-12), *Lorita abornana chatka* (1-15), *Murgantia histrionica* (1-22), *Necrobia rufipes* (21-28), *Oryzaephilus surinamensis* (14-48), *Parlatoria pergandii* (14-66), *P. proteus* (6-16), *Pinnaspis minor* (13-437), *Plodia interpunctella* (7-25), *Pseudococcus adonidium* (9-72), *P. brevipes* (12-245), *P. citri* (11-39), *P. maritimus* (5-11), *Rhizoglyphus echinopus* (15-147), *Rhizopertha dominica* (7-13), *Saissetia hemisphaerica* (14-59), *S. nigra* (5-18), *S. oleae* (12-16), *Selenaspis articulatus* (21-63), *Sitophilus oryza* (27-52), *Sitotroga cerealella* (7-17), *Tenebroides mauritanicus* (6-22), *Tribolium castaneum* (17-48), *Typhaea stercorea* (15-50).

In addition there were 3,003 interceptions belonging to 596 species which were not deemed to be of sufficient importance from the plant-quarantine viewpoint to warrant listing by species. The number of interceptions of more or less cosmopolitan species totaled 22,364.

DISEASES

Common plant pathogens reported 10 or more times during the year included *Actinomyces scabies* (21-246), *Alternaria brassicae* (3-27), *A. solani* (2-46), *A. tomato* (2-1,230), *Aplanobacter michiganense* (1-12), *Aspergillus niger* (21-304), *Bacterium maculicola* (2-11), *B. marginatum* (6-21), *B. phaseoli* (1-35), *B. vesicatorum* (2-1,769), *Botrytis cinerea* (11-20), *Cephaluros virescens* (5-11), *Cephalothecium roseum* (8-54), *Ceratostomella paradoxa* (8-19), *Cercospora beticola* (2-24), *C. rosicola* (2-42), *Cladosporium fulvum* (2-301), *Colletotrichum circinans* (1-180), *C. gloeosporioides* (13-133), *C. lindemuthianum* (6-37), *C. orchidearum* (8-28), *C. phomoides* (1-29), *Diplocarpon rosae* (4-43), *Diplodia natalensis* (11-59), *Erysiphe polygoni* (1-42), *Gloeosporium limeticolum* (8-39), *Helminthosporium allii* (5-1,021), *Heterodera marioni* (7-19), *Heterosporium echinulatum* (2-27), *Melanconium sacchari* (2-10), *Oospora citri-aurantii* (6-40), *O. lactis parasitica* (7-48), *Penicillium digitatum* (18-74), *P. italicum* (14-24), *Phoma destructiva* (1-45), *Phomopsis citri* (16-110), *Puccinia allii* (4-13), *P. graminis* (11-182), *P. porri* (5-17), *P. purpurea* (1-30), *P. rubigo-vera* (4-49), *Pythium debaryanum*

(1-59), *Rhizoctonia solani* (16-588), *Rhizopus nigricans* (11-1,154), *Sclerotinia sclerotiorum* (11-31), *Sclerotium oryzae* (2-45), *Septoria apii-graveolentis* (9-11), *Sphaceloma fawcettii* (19-105), *Sphaerotheca pannosa* (3-19), *Spondylocadium atrovirens* (10-43), *Uromyces caryophyllinus* (2-48), *U. phaseoli typica* (1-23), *Ustilago maydis* (2-12), *Venturia inaequalis* (16-67), *V. pirina* (4-16), *Verticillium cinnabarinum* (12-37), Virus, undetermined (1-11).

Interceptions of 34 other common pathogens totaled 122, making 8,862 interceptions of common diseases recorded during the year.

INCOMPLETELY DETERMINED PESTS

Many times inspectors find insect pests or plant pathogens affecting plant material, but in a stage or in such condition that complete and accurate determination is impracticable. Sometimes such insects or pathogens are new to science. Possibly some of them are destructive pests. A few notes are given here to show the general nature of the incompletely determined pests.

INSECTS

Among the incompletely determined insects intercepted during the year were the following fruitflies: *Anastrepha* sp., probably *fraterculus*, taken at New Orleans, New York, and San Juan in grapefruit and orange from Brazil, and at New York in grapefruit from Uruguay (?); *Anastrepha* sp., probably *mombin-praeoptans*, at Hidalgo and Laredo in mango from Mexico, at New Orleans in plum from Nicaragua, and at New York in mango from Panama; *Anastrepha* sp. at Laredo, Miami, New Orleans, and San Juan in coco-plum, grapefruit, guava, mango, orange, plum, and yellow mombin from Brazil, Dominican Republic, Honduras, Mexico, Nicaragua, Panama, and Venezuela; *Ceratitis* sp. at Newport News in grapefruit from the Union of South Africa; *Rhagoletis* sp., probably *completa* Cress., at Laredo in walnut from Mexico; *Rhagoletis* sp., probably *striatella*, at Eagle Pass in husk tomato from Mexico; *Rhagoletis* sp. at Eagle Pass, El Paso, and Laredo in apple, cherry, hawthorn, red haw, and wild currant from Mexico. Five interceptions which could not be identified beyond family (Tephritidae) were taken at Baltimore, Eagle Pass, Galveston, Laredo, and New York in mango, orange, pepper, and squash from Mexico, New Zealand, and Sierra Leone.

The following miscellaneous insects of special interest were intercepted: *Acanthoscelides* sp., near *peruanus* (Pierce) (Bruchidae), was taken at New York in *Cassia glandulosa* seed from Peru; 2 apparently undescribed aleyrodids, *Aleurocerus* sp. at Laredo on palm leaf from Mexico and *Aleuroplatus* sp. at Brownsville on Cape-jasmine from Guatemala; *Aleuroparadoxus* n. sp. (Aleyrodidae) at El Paso on Cape-jasmine from Mexico; *Brachyrhinus* sp., probably *sulcatus* F., (Curculionidae) at Blaine in soil from British Columbia; *Bruchidius* sp., near *longulus* Shulsky (Bruchidae), at Atlanta in *Lathyrus* sp. from Italy; *Bruchus* sp., probably *guttatus*, (Bruchidae) at Boston and Philadelphia in vetch from Madeira Islands and in soldier's mail; *Cryptocercus* sp. (Formicidae) at El Paso with bamboo poles from Mexico; *Diatraea* sp., probably *considerata* Hein., (Crambidae) at Nogales in sugarcane from Mexico; *Diatraea* sp., probably *lineolata* (Wlk.), at Boston in sugarcane from Cuba; *Ereunetis* sp., probably *flavistrata* (Wlsm.), (Tineidae) at Seattle on coconut from the Pacific war zone; apparently new, undescribed species of *Heilipus* sp. (Curculionidae) at Nogales in giant reed from Mexico; *Kaloterмес* n. sp. (Kalotermitidae) at San Francisco in lignumvitae log from Guatemala; an undescribed species of *Niveaspis* sp. (Coccidae) at San Francisco on *Odontoglossum schlieperianum* from Costa Rica; and *Pityophthorus* sp., probably *cribratus* Blkm., (Scolytidae) at Nogales on bark of wood from Mexico.

There were 5,277 interceptions, distributed among 725 genera, which could be identified to genus only. A total of 129 could be determined to family and subfamily only.

A total of 5,406 incompletely determined insects were intercepted during the year.

DISEASES

Among the undetermined plant-disease organisms collected from incoming material during the year were *Ceratostomella* sp. on narcissus bulbs from England, Wales, and of unknown origin; *Cercospora* sp. on *Pseudabutilon longani* from Mexico; *Coryneum* sp. on straw packing for pineapples from Mexico; *Cucurbitaria* sp. on a plant with ballast from Italy; *Endothia* sp. on an oak log from Panama;

Fusicoccum sp. on *Araucaria araucana* from England in a soldier's baggage; *Guignardia* sp. on a coconut in service mail; *Helminthosporium* sp. on tomato from Mexico; *Hoplostaimus* n. sp. on *Gesneria longituba* from England; *Melasmia* sp. on *Arctostaphylos uva-ursi* from Mexico; *Nectria* sp. on begonia from Haiti; *Nothotylenchus* n. sp. in soil containing a palm from Dutch Guiana; *Ophiobolus* sp. on orchids from Brazil and Guatemala; *Phoma* sp. on garlic from Portugal, kapok pod from Mexico, lemon from Egypt, Italy, and New Zealand, tomato from Mexico, and others. *Phomopsis* sp. on *Passiflora* sp. fruit in baggage from Madeira Islands; *Phyllosticta* sp. on *Casimiroa edulis* and carnations from Mexico, and on various other hosts and from different places of origin; *Phytophthora* sp. on orchids from England and Venezuela; and *Selenophoma* sp. on wheat from Australia.

A total of 4,535 incompletely determined pathogens were recorded during the year.

Geographic summary of interceptions listed in main table and interception totals

Country	Insect	Disease	Country	Insect	Disease
	Number	Number		Number	Number
Africa:			North America—Continued		
Algeria.....	2	3	Canada.....	20	7
Belgian Congo.....	1	0	British Columbia.....	10	6
Egypt.....	9	1	Central America:		
Ethiopia.....	0	2	British Honduras.....	2	0
Gold Coast.....	18	0	Canal Zone.....	9	3
Liberia.....	1	0	Costa Rica.....	63	2
Madeira Islands.....	1	0	Guatemala.....	43	21
Mozambique.....	0	1	Honduras.....	6	0
Nigeria.....	2	0	Panama.....	16	4
Sierra Leone.....	1	0	Salvador.....	7	0
Tunisia.....	1	2	Mexico.....	1,620	1,326
Union of South Africa.....	2	2	West Indies:		
Asia:			Antigua.....	3	0
China.....	1	1	Aruba.....	1	0
India.....	21	8	Bahamas.....	3	0
Palestine.....	2	0	British West Indies.....	1	0
Australasia:			Cayman Islands.....	1	0
Admiralty Islands.....	3	0	Cuba.....	36	10
Australia.....	5	59	Curacao.....	1	0
Caroline Islands.....	3	1	Dominican Republic.....	5	0
Ceylon.....	2	0	Haiti.....	13	0
Eniwetok Island.....	1	0	Jamaica.....	8	0
Fiji Islands.....	1	0	Martinique.....	5	0
Guadalcanal.....	1	0	Puerto Rico.....	14	2
Guam.....	2	0	Trinidad.....	21	3
Hawaii.....	56	0	Virgin Islands.....	1	0
Marshall Islands.....	21	0	South America:		
New Guinea.....	3	0	Argentina.....	7	1
New Hebrides.....	1	1	Bolivia.....	0	1
New Zealand.....	0	2	Brazil.....	10	3
Oceania.....	3	1	British Guiana.....	6	0
Philippines.....	6	0	Chile.....	4	6
Saipan.....	0	2	Colombia.....	20	2
Samoa.....	2	0	Peru.....	9	0
Solomon Islands.....	4	3	South America.....	1	0
South Pacific.....	67	4	Uruguay.....	0	7
Tahiti.....	1	0	Venezuela.....	77	2
Tinian Island.....	1	0	Total:		
Europe:			Africa.....	38	11
Azores.....	3	4	Asia.....	24	9
Belgium.....	0	2	Australasia.....	182	73
England.....	52	25	Europe.....	132	65
Europe.....	1	0	North America.....	1,911	1,385
France.....	3	5	South America.....	134	22
Germany.....	1	0	Unknown.....	54	31
Ireland.....	0	7	Total	2,475	1,596
Italy.....	22	9	Total (common pests, p. 4)	22,364	8,862
Malta.....	1	0	Total (incompletely determined pests, p. 5)	5,406	4,535
Netherlands.....	1	0	Total insect interceptions	30,245	-----
North Ireland.....	1	0	Total disease interceptions	-----	14,993
Portugal.....	23	7	Grand total	-----	45,238
Scotland.....	20	0			
Spain.....	4	1			
Sweden.....	0	1			
Wales.....	0	4			
North America:					
Bermuda.....	1	1			

NOTE.—In addition to the countries named above, interceptions were made from Bahrein Islands, Burma, Corsica, Cyprus, Dutch Guiana, Dutch West Indies, Ecuador, Espiritu Santo, Gibraltar, Gilbert Islands, Greenland, Guadeloupe, Iran, Kiriwina Island, Lord Howe Island, Marianas, Morocco, Nicaragua, Okinawa, Society Islands, Sudan (Anglo-Egyptian), Syria, Tasmania, Turkey, and Union of Soviet Socialist Republics.

List of pests (insects) collected and reported, July 1, 1944, to June 30, 1945, inclusive

[An asterisk indicates State inspection]

Insect and host	Country of origin	Number of interceptions in—			Collected in—
		Consump- tion	Non-entry	Propaga- tion	
<i>Acanthoscelides armitagei</i> (Pic) (Bruchidae): <i>Cajanus cajan</i> (gandul).....	Canal Zone.....			1	N. Y.
<i>Acanthoscelides ceratioborus</i> (Philippi) (Bruchidae): Bean pod.....	Peru.....	1			N. Y.
<i>Vicia sativa</i> (vetch).....	Chile.....	1			Fla.*
<i>Acanthoscelides dominicanus</i> (Jek.) (Bruchidae): <i>Acacia</i> sp.....	Mexico.....			1	N. Y.
<i>Caesalpinia coriaria</i> (divi-divi).....	Colombia.....	1			N. Y.
<i>Acanthoscelides protractus</i> (Horn) (Bruchidae): <i>Prosopis</i> sp. (mesquite).....	Mexico.....	1			Ariz.
<i>Acanthoscelides prosopis</i> (Lec.) (Bruchidae): <i>Prosopis</i> sp. (mesquite).....	do.....	1			Tex.
<i>Acanthoscelides spinipes</i> (Er.) (Bruchidae): Unidentified seed.....	Argentina.....			1	D. C.
<i>Aceratagallia curta</i> Oman (Cicadellidae): <i>Lycopersicon esculentum</i> (tomato).....	Mexico.....	1			Tex.
<i>Aceratagallia robusta</i> Oman (Cicadellidae): <i>Lilium longiflorum</i> (Easter lily).....	do.....	1			Tex.
<i>Aceratagallia sordida</i> Oman (Cicadellidae): Cabin of airplane.....	do.....		1		Tex.
<i>Aceratagallia uhleri</i> (VanD.) (Cicadellidae): <i>Lactuca sativa</i> (lettuce).....	do.....	1			Ariz.
<i>Adoretus sinicus</i> Burm. (Scarabaeidae): <i>Zea mays</i> (corn).....	Hawaii.....		1		Wash.
<i>Aedes albifasciatus</i> (Macq.) (Culexidae): <i>Vitis</i> sp. (grape).....	Argentina.....	1			La.
<i>Aethus indicus</i> (Westwood) (Cydnidae): <i>Gossypium</i> sp. (cotton).....	Soldier's mail.....	1			Wash.
<i>Agromyza virens</i> Loew (Agromyzidae): <i>Daucus carota sativa</i> (carrot).....	Mexico.....	1			Tex.
Phaseolus sp. (string bean).....	do.....	17			Ariz., Tex.
<i>Agrotis ypsilon</i> (Rott.) (Phalaenidae): <i>Lactuca sativa</i> (lettuce).....	do.....	1			Tex.
<i>Aleurocanthus coccis</i> Corbett (?) (Aleyrodidae): <i>Cocos nificera</i> (coconut).....	Guadalecanal, Solomon Islands.....			2	Calif.*
<i>Aleurocanthus woglumi</i> Ashby (Aleyrodidae): <i>Citrus aurantifolia</i> (sour lime).....	Mexico.....	10			Ariz., Tex.
<i>Citrus sinensis</i> (orange).....	do.....	1			Ariz.
<i>Aleuroglandulus emmae</i> Russell (Aleyrodidae): <i>Persea americana</i> (avocado).....	do.....	1			Tex.
<i>Aleurothrixus howardi</i> (Q.) (Aleyrodidae): <i>Citrus</i> sp.....	Colombia.....	1			Fla.*
<i>Aleurothrixus myrtacei</i> Bondar (Aleyrodidae): <i>Gardenia augusta</i> (Cape-jasmine).....	Guatemala, Mexico.....	11	1		Tex.
<i>Aleurotrachelus atratus</i> Hempel (Aleyrodidae): Palm.....	Mexico.....	1			Tex.
<i>Aleyrodes spiraeoides</i> Q. (Aleyrodidae): <i>Synthyris</i> sp.....	British Columbia.....			1	Wash.
<i>Alpheias conspurata</i> Hein. (Galleriidae): <i>Ananas comosus</i> (pineapple).....	Mexico.....	22			Tex.
<i>Amblyteles armatorius</i> (Forst.) (Ichneumonidae): Sod in ballast.....	Scotland.....	1			N. Y.
<i>Amorbia emigratella</i> Busek (Tortricidae): <i>Capsicum frutescens</i> (pepper).....	Mexico.....	1			Tex.
<i>Dianthus</i> sp. (carnation).....	do.....	1			Tex.
<i>Eugenia uniflora</i> (Surinam-cherry).....	Hawaii.....		1		Calif.*
<i>Gossypium</i> sp. (cotton) (boll).....	do.....	1			Wash.
<i>Lycopersicon esculentum</i> (tomato).....	Mexico.....	3			Tex.
<i>Amphicerus cornutus</i> (Pallas) (Bostrichidae): <i>Arundo donax</i> (giant reed).....	do.....	1			Ariz.
Bamboo.....	do.....	2			Ariz.
<i>Merostachys racemiflora</i>	do.....	1			Ariz.
<i>Smilax</i> sp.....	do.....	1			Tex.

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<i>Amphidasis cognataria</i> Gn. (Geometridae): Soil around plants.....	British Columbia.....	—	—	1	Wash.
<i>Anacentrinus deplanatus</i> (Csy.) (Curculionidae): <i>Dianthus</i> sp. (carnation).....	Mexico.....	1	—	—	Tex.
<i>Anaphothrips orchidaceus</i> Bagn. (Thripidae): <i>Callithea</i> sp. (orchid).....	England, Mexico.....	—	—	4	N. J., Tex.
<i>Coelogyne</i> sp. (orchid).....	England.....	—	—	2	N. J.
<i>Cymbidium</i> sp. (orchid).....	do.....	—	—	2	N. J.
<i>Miltonia</i> sp. (orchid).....	do.....	—	—	1	N. J.
Orchid.....	Mexico.....	—	—	1	Tex.
<i>Anaphothrips orchidii</i> (Mlt.) (Thripidae): <i>Sobralia xantholeuca</i> (orchid).....	Guatemala.....	—	—	1	Calif.*
<i>Anastrepha fraterculus</i> (Wied.) (?) (Tephritidae): <i>Citrus paradisi</i> (grapefruit).....	Brazil.....	—	1	—	Md.
<i>Citrus sinensis</i> (orange).....	Trinidad.....	—	1	—	Md.
<i>Anastrepha ludens</i> (Loew) (Tephritidae): <i>Casimiroa edulis</i> (white-sapote).....	Mexico.....	1	—	—	Tex.
<i>Citrus aurantiifolia</i> (sweet lime).....	do.....	5	—	—	Tex.
<i>Citrus aurantium</i> (sour orange).....	do.....	1	—	—	Tex.
<i>Citrus paradisi</i> (grapefruit).....	do.....	10	2	—	Tex.
<i>Citrus sinensis</i> (orange).....	Guatemala, Mexico.....	58	9	—	Ariz., Md., Tex.
<i>Cydonia oblonga</i> (quince).....	Mexico.....	4	—	—	Tex.
Empty box car.....	do.....	—	2	—	Tex.
Fruit salad containing oranges.....	do.....	—	3	—	Tex.
Bag of grapefruit.....	do.....	—	1	—	Tex.
Receptacle containing grapefruit and oranges.....	do.....	—	1	—	Tex.
<i>Malus pumila</i> (apple).....	do.....	8	—	—	Tex.
<i>Mangifera indica</i> (mango).....	Guatemala, Mexico.....	25	2	—	Tex.
<i>Persea americana</i> (avocado).....	Mexico.....	1	—	—	Tex.
<i>Prunus persica</i> (peach).....	do.....	2	—	—	Tex.
<i>Punica granatum</i> (pomegranate).....	do.....	1	—	—	Tex.
<i>Pyrus communis</i> (pear).....	do.....	33	—	—	Tex.
Sapote.....	do.....	1	—	—	Tex.
<i>Anastrepha mombinpraepotans</i> Sein (Tephritidae): <i>Mangifera indica</i> (mango).....	British Honduras, Haiti, Jamaica, Puerto Rico.....	3	7	—	Fla.,* N. Y.
<i>Psidium guajava</i> (guava).....	Cuba.....	—	1	—	P. R.
<i>Anastrepha serpentina</i> (Wied.) (Tephritidae): <i>Achras zapota</i> (sapodilla).....	Brazil.....	—	1	—	P. R.
<i>Chrysophyllum cainito</i> (star-apple).....	Dominican Republic.....	1	—	—	P. R.
<i>Mammea americana</i> (mamey).....	Mexico, Salvador.....	3	—	—	Tex.
<i>Anastrepha suspensa</i> (Loew) (Tephritidae): <i>Psidium guajava</i> (guava).....	Cuba.....	1	—	—	Fla.*
<i>Anthocoris sylvestris</i> (L.) (Anthocoridae): <i>Crataegus</i> sp. (hawthorn).....	North Ireland.....	1	—	—	N. Y.
<i>Aonidiella comperei</i> McKenzie (Coccidae): <i>Carica papaya</i> (papaya).....	Tinian Island.....	1	—	—	Calif.*
<i>Aonidiella eremocitri</i> McKenzie (Coccidae): <i>Coffea</i> sp.....	South Pacific.....	—	—	1	Calif.*
<i>Aonidiella inornata</i> McKenzie (Coccidae): <i>Cocos nucifera</i> (coconut).....	Caroline Islands, Marshall Islands, Philippines, South Pacific.....	7	1	1	Calif.*
<i>Apatides fortis</i> (Lec.) (Bostrichidae): Wood.....	Mexico.....	1	—	—	Ariz.
<i>Aphis medicaginis</i> Koch (Aphidae): <i>Lilium</i> sp. (lily).....	Bermuda.....	1	—	—	N. Y.
<i>Aphis nerii</i> Boyer de Fonscolombe (Aphidae): <i>Nerium oleander</i> (oleander).....	Mexico.....	—	—	1	D. C.
<i>Aphodius depressus</i> Kugel. (Scarabaeidae): Sod in ballast.....	Scotland.....	1	—	—	N. Y.
<i>Aphodius distinctus</i> (Mull.) (Scarabaeidae): <i>Brassica oleracea botrytis</i> (cauliflower).....	England.....	—	1	—	Va.
<i>Apion ochropus</i> Germ. (Curculionidae): <i>Vicia</i> sp. (vetch).....	Soldier's mail.....	1	—	—	Wash.

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<i>Apion pomonae</i> (F.) (Curculionidae): Vicia sp. (vetch).....	Italy, Portugal, soldier's mail.	5	—	—	Calif.,* D. C., Ga., Pa.
<i>Aptinothrips rufus</i> (Gmel.) (Thripidae): Sod in ballast.....	Scotland.....	1	—	—	N. Y.
<i>Artipus floridanus</i> Horn (Curculionidae): Unknown plant.....	Bahamas.....	1	—	—	Fla.*
<i>Arvelius albopunctatus</i> (Deg.) (Pentatomi- dae): Capsicum frutescens (pepper).....	Mexico.....	3	—	—	Ariz.
<i>Aspidiotus coursetiae</i> Marl. (Coccidae): Pereskopsis sp.....	do.....	—	—	1	Tex.
<i>Aspidiotus destructor</i> Sign. (Coccidae): Calanthe sp. (orchid).....	Ceylon.....	—	—	1	N. J.
Cocos nucifera (coconut).....	Admiralty Island, Bel- gian Congo, New Gui- nea, Panama, Philip- pines.	4	1	2	Calif.*
Musa paradisiaca sapientum (banana).....	Costa Rica.....	15	—	—	Calif.*
Persea americana (avocado).....	Colombia.....	1	—	—	Fla.*
Rosa sp.....	Puerto Rico.....	1	—	—	Fla.*
Unidentified leaf.....	Fiji Islands.....	1	—	—	Mass.
<i>Aspidiotus excisus</i> Green (Coccidae): Unidentified leaf.....	South Pacific.....	1	—	—	Calif.*
<i>Aspidiotus herculeanus</i> D. H. (Coccidae): Spondias sp.....	Puerto Rico.....	1	—	—	Fla.*
<i>Aspidiotus (Hemiberlesia) mendax</i> (McKen- zie) (Coccidae): Odontoglossum laevis (orchid).....	Guatemala.....	—	—	1	Calif.*
<i>Aspidiotus palmarum</i> (Ckll.) (Coccidae): Chalcas sp.....	Venezuela.....	1	—	—	Fla.*
Citrus sinensis (orange).....	Costa Rica.....	—	1	—	Calif.*
Cocos nucifera (coconut).....	New Guinea.....	—	—	1	Calif.*
Musa paradisiaca sapientum (banana).....	Costa Rica.....	8	—	—	Calif.*
Palm.....	New Guinea.....	1	—	—	Calif.*
<i>Aspidiotus spinosus</i> Comst. (Coccidae): Cocos nucifera.....	Mexico.....	—	—	1	Calif.*
Persea americana (avocado).....	Cuba.....	1	—	—	Fla.*
Zingiberaceae.....	Hawaii.....	—	—	1	Calif.*
<i>Asterolecanium bambusae</i> (Bdv.) (Coccidae): Bamboo.....	Costa Rica, Mexico.....	2	—	—	Ariz., Calif.*
<i>Asterolecanium epidendri</i> (Bouche) (Cocci- dae): Cattleya dowiana (orchid).....	Costa Rica.....	—	—	1	Calif.*
Cattleya luddemanniana (orchid).....	Venezuela.....	—	—	1	N. J.
Cattleya sp.....	do.....	—	—	2	N. J.
<i>Epidendrum atropurpureum</i> (orchid).....	Guatemala.....	—	—	1	Calif.*
<i>Epidendrum</i> sp.....	Haiti, Venezuela.....	—	—	2	N. J.
Gongora sp. (orchid).....	Venezuela.....	—	—	1	N. J.
Laelia anceps alba (orchid).....	Costa Rica.....	—	—	1	N. J.
Oncidium carthaginense (orchid).....	do.....	—	—	1	N. J.
Oncidium sp.....	Haiti, Trinidad, Vene- zuela.	—	—	3	N. J.
<i>Asterolecanium pustulans</i> (Ckll.) (Coccidae): Achras zapota (sapodilla).....	Dominican Republic.....	—	1	—	Fla.*
Ficus sp. (fig.).....	Mexico.....	1	—	—	Tex.
Mangifera indica (mango).....	do.....	1	—	—	Tex.
<i>Barathra brassicae</i> (L.) (Phalaenidae): Brassica oleracea capitata (cabbage).....	England.....	—	1	—	N. Y.
<i>Baris lepidii</i> Germ. (Curculionidae): Brassica rapa (turnip).....	Algeria.....	—	1	—	Mass.
<i>Barypeithes pellucidus</i> (Boh.) (Curculioni- dae): Laurus nobilis (Grecian laurel).....	Canada.....	—	—	1	Wash.
Rhododendron sp.....	England.....	—	—	1	Wash.
Soil.....	Canada.....	—	—	1	N. J.
<i>Blissus leucopterus</i> (Say) (Lygaeidae): Ananas comosus (pineapple).....	Mexico.....	1	—	—	Tex.
<i>Bolbothrips aztecus</i> Crawford (Thripidae): Tigridia pavonia (azteca lily).....	do.....	—	—	1	Tex.

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<i>Bostrychopsis trimorpha</i> Lesne (Bostrichidae):					
Bamboo	Colombia	2			N. Y.
<i>Furcraea humboldtiana</i> (brava)	do	2			N. Y.
<i>Brachycoryna pumila</i> Guer. (Chrysomelidae):					
<i>Pseudabutilon tozani</i> (falseabutilon)	Mexico	1			Tex.
<i>Brachyrhinus ovatus</i> (L.) (Curculionidae):					
<i>Agropyron repens</i> (quackgrass)	Scotland	1			N. Y.
Sand around grass roots	England	1			N. Y.
Unidentified plant	Canada			1	N. Y.
<i>Brachyrhinus singularis</i> (L.) (Curculionidae):					
Ballast	England	1			N. Y.
Soil around spruce tree	Canada			1	N. Y.
<i>Brachyrhinus sulcatus</i> (F.) (Curculionidae):					
<i>Sarifraga</i> sp.	British Columbia			1	N. J.
<i>Brentus anchorago</i> (L.) (Brentidae):					
<i>Swietenia mahagoni</i> (mahogany)	Mexico	1			Tex.
<i>Brontispa froggatti</i> Sharp (Chrysomelidae):					
<i>Cocos nucifera</i> (coconut)	Solomon Islands			1	Calif.*
<i>Bruchus elegans</i> Blanchard (Bruchidae):					
<i>Lithraea caustica</i>	Chile			1	D. C.
<i>Bruchus guttalis</i> Rey (Bruchidae):					
<i>Secale cereale</i> (rye)	Portugal	1			Pa.
<i>Triticum aestivum</i> (wheat)	do	1			Md.
<i>Vicia</i> sp. (vetch)	do	11			Calif.*, Oreg., Pa., Wash.
<i>Bruchus rufipes</i> Hbst. (Bruchidae):					
<i>Vicia sativa</i> (vetch)	Italy	1			Pa.
<i>Calendra ochrea</i> Lec. (Curculionidae):					
Unknown	Mexico	1			Tex.
<i>Calligrapha elegans</i> (Oliv.) (Chrysomelidae):					
<i>Fragaria</i> sp. (strawberry)	Canada			1	N. Y.
<i>Callirhytis sonoreae</i> Weld (Cynipidae):					
<i>Quercus</i> sp. (acorn)	Mexico	1			Tex.
<i>Callosobruchus analis</i> (F.) (Bruchidae):					
<i>Pisum sativum</i> (pea)	India			1	Ga.
<i>Callosobruchus chinensis</i> (L.) (Bruchidae):					
<i>Cajanus cajan</i> (pigeonpea)	Hawaii, Jamaica			2	N. J., Wash.
<i>Vicia faba</i> (broadbean)	China			1	D. C.
<i>Callosobruchus maculatus</i> (F.) (Bruchidae):					
<i>Beta vulgaris cicla</i> (Swiss chard)	Mexico	1			Tex.
<i>Brassica rapa</i> (turnip)	do	1			Tex.
<i>Cajanus cajan</i> (pigeonpea)	British Guiana, British West Indies	1		3	N. J., N. Y.
<i>Cicer arietinum</i> (chickpea)	Mexico, Venezuela	5			Fla.*, Tex.
Legume seed	Nigeria			1	N. J.
<i>Persea americana</i> (avocado)	Mexico	1			Tex.
<i>Phaseolus aureus</i> (mung bean)	do	2			Ariz.
<i>Pisum sativum</i> (pea)	Brazil, British Guiana, India, Jamaica, British Guiana	3		1	Calif.*, La., N. Y.
Unknown seed					
<i>Callosobruchus phaseoli</i> (Gyll.) (Bruchidae):					
<i>Cajanus cajan</i> (pigeonpea)	Hawaii			1	Wash.
Leguminous seed pod	Bahamas	1			Fla.*
<i>Campylomma verbasci</i> (Myer) (Miridae):					
<i>Aster</i> sp.	British Columbia	1			Wash.
<i>Carcinops quatuordecimstriata</i> (Steph.) (Histeridae):					
<i>Pyrus communis</i> (pear)	Argentina	1			La.
<i>Carneiocephala flaviceps</i> (Riley) (Cicadellidae):					
<i>Gossypium</i> sp. (seed cotton)	Salvador	1			Tex.
<i>Cartodere ruficollis</i> (Marsh.) (Lathridiidae):					
<i>Oryza sativa</i> (rice)	Soldier's mail	1			N. Y.
<i>Caryedon fuscus</i> (Goeze) (Bruchidae):					
<i>Caesalpinia praecox</i>	Argentina			1	D. C.
Tree seed	South Pacific			1	Calif.*
Undetermined seed	Hawaii			1	Calif.*
<i>Catorama herbarium</i> (Gorh.) (Anobiidae):					
Undetermined seed	India			1	Wash.
<i>Catorama tabaci</i> Guer. (Anobiidae):					
<i>Pisum sativum</i> (pea)	Jamaica	1			N. Y.
<i>Ricinus communis</i> (castor-bean)	Mexico			1	Tex.

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<i>Caulophilus latinasus</i> (Say) (Curculionidae):					
<i>Persea americana</i> (avocado)	Mexico			2	Tex.
<i>Celerio lineata</i> (F.) (Sphingidae):					
<i>Portulaca oleracea</i> (purslane)	do	3			Tex.
<i>Ceratitis capitata</i> (Wied.) (Tephritidae):					
Airplane	South Pacific		1		Hawaii.*
<i>Citrus paradisi</i> (grapefruit)	Australia, Egypt		3		Md., Mass., N. Y.
<i>Citrus sinensis</i> (orange)	Egypt, Palestine, Spain		3		Md., Mass., N. Y.
By an orange in sand ballast	Palestine		1		Tex.
<i>Lycopersicon esculentum</i> (tomato)	Hawaii		1		Calif.*
<i>Malus pumila</i> (apple)	Portugal		1		N. Y.
<i>Mangifera indica</i> (mango)	Hawaii	1			Calif.*
<i>Vitis</i> sp. (grape)	Portugal	1			Pa.
<i>Ceratitis capitata</i> (Wied.) (Tephritidae) (?):					
<i>Citrus paradisi</i> (grapefruit)	Union of South Africa		1		Pa.
<i>Citrus sinensis</i> (orange)	Brazil	1			Md.
<i>Ceroplastes floridensis</i> Comst. (Coccidae):					
<i>Gardenia augusta</i> (Cape-jasmine)	Costa Rica, Mexico	2	1		Ariz., Fla.,* Tex.
<i>Ceutorhynchus pleurostigma</i> Marsh. (Curculionidae):					
<i>Brassica napobrassica</i> (rutabaga)	England		1		Pa.
<i>Brassica rapa</i> (turnip)	do		1		Pa.
<i>Chaetopsis debilis</i> Loew (Otitidae):					
<i>Typha</i> sp. (cattail)	Mexico	1			Tex.
<i>Chaetopsis fulvifrons</i> (Macq.) (Otitidae):					
<i>Ananas comosus</i> (pineapple)	do	1			Tex.
<i>Chrysanthemum</i> sp	do	1			Tex.
<i>Saccharum officinarum</i> (sugarcane)	do	1			Tex.
<i>Zantedeschia aethiopica</i> (calla lily)	do			2	Tex.
<i>Zea mays</i> (corn)	do	70	1		Ariz., Tex.
<i>Chariessa vestita</i> Chev. (Cleridae):					
Empty box car	do		1		Tex.
<i>Gossypium</i> sp. (cotton)	do	1			Tex.
<i>Chilo loftini</i> Dyar (Crambidae):					
<i>Lycopersicon esculentum</i> (tomato)	do	1			Ariz.
<i>Chilo simplex</i> (Btr.) (?) (Crambidae):					
<i>Oryza sativa</i> (rice)	Soldier's mail	1			Mo.
<i>Chionaspis citri</i> Comst. (Coccidae):					
<i>Citrus nobilis unshui</i> (Satsuma orange)	Jamaica	1			Fla.*
<i>Citrus paradisi</i> (grapefruit)	Aruba		1		Fla.*
<i>Citrus sinensis</i> (orange)	British Guiana, Puerto Rico, Venezuela		3		Fla.*
<i>Chirothrips manicatus</i> Hal. (Thripidae):					
Sod in ballast	Scotland	1			N. Y.
<i>Chlorophorus annularis</i> (F.) (Cerambycidae):					
Bamboo	Guam		1		Hawaii.*
<i>Chorizagrotis auxiliaris</i> (Grt.) (Phalaenidae):					
<i>Musa paradisiaca sapientum</i> (banana)	Costa Rica	1			Calif.*
<i>Chrysomphalus albopictus</i> (Ckll.) (Coccidae):					
<i>Persea americana</i> (avocado)	Mexico	2			Tex.
<i>Chrysomphalus personatus</i> (Comst.) (Coccidae):					
<i>Bumelia laetevirens</i>	do	1			Tex.
<i>Citrus paradisi</i> (grapefruit)	Panama		1		Calif.*
<i>Citrus sinensis</i> (orange)	do		2		Calif.*
Palm	Martinique		1		N. Y.
Unidentified leaf	Madeira Islands	1			Pa.
<i>Chrysomphalus scutiformis</i> (Ckll.) (Coccidae):					
<i>Citrus aurantifolia</i> (sour lime)	Mexico		1		Calif.*
<i>Chrysomphalus (Melanaspis) tenax</i> (McKenzie) (Coccidae):					
<i>Cattleya</i> sp. (orchid)	Colombia		1		Calif.*
<i>Chrysomphalus umboniferus</i> (Newst.) (Coccidae):					
<i>Cattleya bowringiana</i> (orchid)	Guatemala		1		Calif.*
<i>Epidendrum nemorale</i> (orchid)	do		1		Calif.*
<i>Leelia superbiens</i> (orchid)	do		2		Calif.*
<i>Musa paradisiaca sapientum</i> (banana)	Costa Rica	10			Calif.*
<i>Schomburgkia</i> sp. (orchid)	do		1		N. J.
<i>Vanilla planifolia</i> (orchid)	Canal Zone		1		Calif.*

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<i>Clastoptera xanthocephala unicolor</i> Fowler (Cercopidae):					
<i>Chrysanthemum</i> sp.	Mexico	1			Tex.
<i>Cleozona pulchra</i> Bates (Cerambycidae):					
<i>Gujacum officinale</i> (ligum vitae)	Guatemala	1			Calif.*
<i>Cligenes delineata</i> (Dist.) (Lygaeidae):					
<i>Oncidium splendidum</i> (orchid)	do			1	Calif.*
<i>Clydonopteron tecomae</i> Riley (Chrysauaidae):					
<i>Stenolobium stans</i>	Mexico	1			Ariz.
<i>Clytus arietis</i> (L.) (Cerambycidae):					
<i>Ulmus</i> sp. (elm)	England	2			N. Y.
<i>Coccus mangiferae</i> (Green) (Coccidae):					
<i>Gardenia augusta</i> (Cape-jasmine)	Mexico	1			Tex.
<i>Mangifera indica</i> (mango)	Martinique			1	P. R.
<i>Coccus pseudohesperidum</i> (Ckll.) (Coccidae):					
<i>Cattleya trianae</i> (orchid)	Guatemala			1	D. C.
<i>Coccus viridis</i> (Green) (Coccidae):					
<i>Citrus</i> sp.	Colombia	1			Fla.*
<i>Coffea</i> sp.	Guatemala			1	N. J.
<i>Gardenia augusta</i> (Cape-jasmine)	Cuba, Curacao, Dominican Republic, Hawaii, Honduras (?), Mexico, Panama, Puerto Rico, Venezuela.	17			Fla.*
Unidentified leaf and bark.	Cuba	1			Fla.*
<i>Warszewiczia coccinea</i> (orange-gold chaconia).	Canal Zone			1	N. J.
<i>Colecerus marmoratus</i> Horn (Curculionidae):					
<i>Prosopis</i> sp. (mesquite)	Mexico		1		Tex.
<i>Colias eurythme</i> Bdv. (Pieridae):					
<i>Medicago sativa</i> (alfalfa)	do		3		Tex.
<i>Colladonus montanus</i> (VanD.) (Cicadellidae):					
Airplane	South Pacific			1	Hawaii.*
<i>Conchaspis angraei</i> Ckll. (Coccidae):					
<i>Annona</i> sp.	Cuba	1			Fla.*
<i>Conoderus browni</i> Knull (Elateridae):					
<i>Calopogonium caeruleum</i> (jicama)	Mexico	1			Tex.
<i>Conoderus pictus</i> Cand. (Elateridae):					
<i>Ananas comosus</i> (pineapple)	do	1			Tex.
<i>Conotrachelus aguacatae</i> Barber (Curculionidae):					
<i>Persea americana</i> (avocado)	do	147			Tex.
<i>Conotrachelus integer</i> Csy. (Curculionidae):					
<i>Quercus</i> sp. (oak)	do	6			Ariz., Tex.
<i>Conotrachelus perseae</i> Barber (Curculionidae):					
<i>Persea americana</i> (avocado)	Honduras		1		Ala.
<i>Conotrachelus seniculus</i> Lec. (Curculionidae):					
<i>Capsicum frutescens</i> (pepper)	Mexico	1			Ariz.
<i>Solanum tuberosum</i> (potato)	do	1			Ariz.
<i>Spinacia oleracea</i> (spinach)	do	1			Tex.
<i>Coproporus pulchellus</i> (Er.) (Staphylinidae):					
<i>Cattleya</i> sp. (orchid)	Colombia			1	N. J.
<i>Crocus</i> sp.	Mexico			1	Tex.
<i>Lilium longiflorum</i> (Easter lily)	do			3	Tex.
<i>Coryra cephalonica</i> (Staint.) (Galleriidae):					
<i>Arachis hypogaea</i> (peanut)	Cuba	1	*		N. Y.
<i>Citrus sinensis</i> (orange)	Puerto Rico	1			N. Y.
<i>Gossypium</i> sp. (cottonseed)	Antigua, Haiti	1		1	P. R.
<i>Oryza sativa</i> (rice)	Soldier's mail	1			Minn.
<i>Persea americana</i> (avocado)	Mexico	1			Tex.
Sand ballast	Egypt	1			Tex.
<i>Cordylomera spinicornis</i> (F.) (Cerambycidae):					
<i>Khaya</i> sp.	Gold Coast	11			Md., Pa.
<i>Corynetes analis</i> Klug. (Corynetidae):					
<i>Raphia taedigera</i> (American raffia palm)	do	1			N. Y.
<i>Corimelaena incognita</i> (McA. & M.) (Cydnidae):					
<i>Antirrhinum majus</i> (snapdragon)	Mexico	1			Ariz.

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<i>Crophius costatus</i> (Dist.) (Lygaeidae):					
<i>Odontoglossum grande</i> (orchid)	Guatemala	1			Tex.
<i>Crosidosema plebeiana</i> Zell. (Olethreutidae):					
<i>Hibiscus esculentus</i> (okra)	Mexico			1	Calif.*
<i>Cryphula apicatus</i> (Dist.) (Lygaeidae):					
<i>Odontoglossum grande</i> (orchid)	Guatemala			1	Calif.*
<i>Cryptotermes cavifrons</i> Banks (Kalotermitidae):					
<i>Guajacum officinale</i> (lignumvitae)	do	1			Calif.*
<i>Curculio q-griseae</i> Chittn. (Curculionidae):					
<i>Quercus</i> sp. (oak)	Mexico	19			Ariz., Tex.
<i>Cybosoma grande</i> Jordan (Anthribidae):					
<i>Achras zapota</i> (sapodilla) (?)	Guatemala			1	Tex.
<i>Cylas formicarius</i> Faust (Curculionidae):					
<i>Ipomoea batatas</i> (sweetpotato)	Gold Coast		1		N. Y.
<i>Cylas formicarius</i> (F.) (Curculionidae):					
<i>Ipomoea batatas</i> (sweetpotato)	India		1		N. Y.
<i>Cylas formicarius elegantulus</i> (Summers) (Curculionidae):					
<i>Ipomoea batatas</i> (sweetpotato)	Colombia, Cuba, Haiti, Honduras, Mexico, Panama, Puerto Rico, Sierra Leone, Venezuela (?)	23	16		Calif.*, Fla.,* La., Md.
<i>Cylas formicarius</i> , probably <i>elegantulus</i> (Summers) (Curculionidae):					
<i>Ipomoea batatas</i> (sweetpotato)	Canal Zone, Cuba, Puerto Rico		7		N. Y., Tex., Ala., N. Y., Pa., Tex.
<i>Cylas puncticollis</i> Boh. (Curculionidae):					
<i>Ipomoea batatas</i> (sweetpotato)	Sierra Leone		1		N. Y.
<i>Cypselia bimaculata</i> (Will.) (Cypselidae):					
<i>Beta vulgaris cicla</i> (Swiss chard)	Mexico	1			Tex.
<i>Physalis</i> sp. (husk tomato)	do	1			Tex.
<i>Cyrtopeltis varians</i> (Distant) (Miridae):					
<i>Lactuca sativa</i> (lettuce)	do	1			Tex.
<i>Dacne picta</i> Crotch (Erotylidae):					
<i>Agaricus campestris</i> (mushroom)	Soldier's mail	1			N. Y.
<i>Dacus cucurbitae</i> Coq. (Tephritidae):					
<i>Cucumis sativus</i> (cucumber)	Hawaii		2		Calif.*, Wash.
<i>Lycopersicon esculentum</i> (tomato)	do		14		Calif.*
<i>Phaseolus</i> sp. (string bean)	do		1		Calif.*
<i>Dacus cucurbitae</i> Coq. (?) (Tephritidae):					
<i>Cucurbita maxima</i> (squash)	do		1		Wash.
<i>Dalopius marginatus</i> L. (Elateridae):					
<i>Rhododendron</i> sp.	England			1	N. J.
<i>Decatoma foliolatae arizonica</i> Balduf. (Eurytomidae):					
<i>Quercus</i> sp. (oak)	Mexico	1			Ariz.
<i>Dercynus micronyx</i> Champ. (Curculionidae):					
<i>Saraca indica</i> (saraca)	Trinidad			1	N. J.
<i>Desmiphora hirticollis</i> (Oliv.) (Cerambycidae):					
Wood	Salvador	1			La.
<i>Desmometopa m-nigrum</i> (Zett.) (Agromyzidae):					
<i>Solanum tuberosum</i> (potato)	Portugal		1		Pa.
<i>Dialeurodes chittendeni</i> Laing (?) (Aleyrodidae):					
<i>Rhododendron</i> sp.	England			1	N. J.
<i>Dialeurodes citrifolii</i> (Morg.) (Aleyrodidae):					
<i>Citrus</i> sp.	Colombia, Cuba, Puerto Rico	4			Fla.*
<i>Diaphania hyalinata</i> (L.) (Pyraustidae):					
<i>Cucurbita maxima</i> (squash)	Mexico	4			Tex.
<i>Cucurbita pepo</i> (pumpkin)	do	1			Tex.
<i>Diaphania nitidalis</i> (Stoll) (Pyraustidae):					
<i>Cucumis sativus</i> (cucumber)	Chile, Trinidad	3			Ga., N. Y., Pa.
<i>Cucurbita maxima</i> (squash)	Mexico	30	1		Tex.
<i>Diatraea saccharalis</i> (F.) (Crambidae):					
<i>Saccharum officinarum</i> (sugarcane)	Cuba, Mexico	1	2		Pa., Tex
<i>Sorghum vulgare technicum</i> (broomcorn)	Argentina	1			La.

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<i>Dinoderus bifoveolatus</i> (Woll.) (Bostrichidae):					
<i>Caesalpinia coriaria</i> (divi-divi).....	Colombia.....	1	—	—	N. Y.
<i>Oryza sativa</i> (rice).....	Soldier's mail.....	1	—	—	Pa.
<i>Serjania mexicana</i> (barbasco).....	Peru.....	6	—	—	N. Y.
Wood.....	Cuba, India.....	2	—	—	Ohio, Tex.
<i>Dinoderus brevis</i> Horn (Bostrichidae):					
Bamboo.....	India, Philippines (?), soldier's mail.....	5	—	—	Minn., N. Y., Wash.
Basket.....	South Pacific.....	4	—	—	Wash.
<i>Dinoderus ocellaris</i> Steph. (Bostrichidae):					
Bamboo.....	India, soldier's mail.....	4	—	—	Ill., N. Y.
<i>Diocalandra taitensis</i> (Guer.) (Curculionidae):					
<i>Cocos nucifera</i> (coconut).....	Hawaii, New Hebrides.....	1	1	1	Calif., Wash.
<i>Diorymerellus laevimargo</i> Champ. (Curculionidae):					
<i>Laelia superbiens</i> (orchid).....	Guatemala.....	—	—	1	Calif.*
<i>Oncidium cavendishianum</i> (orchid).....	do.....	—	—	1	Calif.*
<i>Oncidium splendendum</i>	do.....	—	—	1	Calif.*
Orchid.....	Mexico.....	—	—	1	Tex.
<i>Dorytomus luridus</i> (Mann.) (Curculionidae):					
<i>Salix</i> sp. (willow).....	British Columbia.....	1	—	—	Wash.
<i>Draeculacephala lenticula</i> Ball (Cicadellidae):					
<i>Triticum aestivum</i> (wheat).....	Mexico.....	1	—	—	Tex.
<i>Draeculacephala portola</i> Ball (Cicadellidae):					
Orchid.....	do.....	1	—	—	Tex.
<i>Draeculacephala soluta</i> Gibson (Cicadellidae):					
Airplane.....	do.....	—	1	—	Tex.
<i>Beta vulgaris cicla</i> (Swiss chard).....	do.....	1	—	—	Tex.
<i>Lactuca sativa</i> (lettuce).....	do.....	1	—	—	Tex.
<i>Drasterius livens</i> Lec. (Elateridae):					
<i>Raphanus sativus</i> (radish).....	do.....	1	—	—	Tex.
<i>Zea mays</i> (corn).....	do.....	1	—	—	Tex.
<i>Dysdercus mimulus</i> Huss. (Pyrrhocoridae):					
<i>Lycopersicon esculentum</i> (tomato).....	do.....	1	—	—	Tex.
<i>Pseudabutilon tozani</i> (falseabutilon).....	do.....	1	—	—	Tex.
<i>Elasmopalpus lignosellus</i> (Zell.) (Phycitidae):					
<i>Pisum sativum</i> (pea).....	do.....	—	1	—	Tex.
<i>Empoasca abrupta</i> DeL. (Cicadellidae):					
<i>Coriandrum sativum</i> (coriander).....	do.....	1	—	—	Tex.
<i>Lactuca sativa</i> (lettuce).....	do.....	1	—	—	Tex.
<i>Lilium</i> sp. (lily).....	do.....	1	—	—	Tex.
Mixed vegetables.....	do.....	1	—	—	Tex.
<i>Empoasca thela</i> Dav. & DeL. (Cicadellidae):					
<i>Spinacia oleracea</i> (spinach).....	do.....	1	—	—	Ariz.
<i>Endestes sculpturatus</i> Sharp (Colydiidae):					
<i>Ananas comosus</i> (pineapple).....	do.....	1	—	—	Tex.
<i>Enicmus consimilis</i> (Mann.) (Lathridiidae):					
Hay and litter.....	Germany, soldier's mail.....	2	—	—	N. Y., Ohio.
<i>Enicmus minutus</i> (L.) (Lathridiidae):					
Grass skirt.....	South Pacific.....	1	—	—	Wash.
Hay.....	Soldier's mail.....	2	—	—	N. Y., Wash.
<i>Zantedeschia</i> sp.....	Mexico.....	—	—	1	Tex.
<i>Epicaerus cognatus</i> Sharp (Curculionidae):					
<i>Solanum tuberosum</i> (potato).....	do.....	—	16	—	La., Md., N. Y., Tex.
<i>Epicauta rileyi</i> Horn (Meloidae):					
<i>Chrysanthemum</i> sp.....	do.....	1	—	—	Ariz.
<i>Epilachna carvestis</i> Muls. (Coccinellidae):					
<i>Brassica rapa</i> (turnip).....	do.....	1	—	—	Tex.
<i>Brassica</i> sp. (mustard).....	do.....	1	—	—	Tex.
<i>Epinotia opposita</i> Hein. (Olethreutidae):					
<i>Phaseolus</i> sp. (string bean).....	Mexico, Peru.....	60	3	—	Ariz., Md., Tex.
<i>Epitrix cucumeris</i> (Har.) (Chrysomelidae):					
<i>Physalis</i> sp. (husk tomato).....	Mexico.....	1	—	—	Tex.
<i>Epitrix fasciata</i> Blatch. (Chrysomelidae):					
<i>Capsicum frutescens</i> (pepper).....	do.....	1	—	—	Tex.
<i>Lycopersicon esculentum</i> (tomato).....	do.....	5	—	—	Tex.
<i>Epitrix subcristata</i> (Lec.) (Chrysomelidae):					
<i>Ilex</i> sp. (holly).....	Canada.....	1	—	—	Wash.

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<i>Eriococcus coccineus</i> Ckll. (Coccidae):					
Cactus	Mexico			2	Tex.
<i>Mammillaria parkinsoni</i> (cactus)	do			1	Tex.
<i>Eriococcus serratilobis prominens</i> Gr. (Coccidae):					
<i>Eucalyptus</i> sp.	Australia	1			Mich.
<i>Estigmene acrea</i> (Dru.) (Aretiidae):					
<i>Capsicum frutescens</i> (pepper)	Mexico	1			Ariz.
<i>Eucalandra selulosa</i> (Gyll.) (Curculionidae):					
Bamboo	Colombia, Mexico	2			N. Y., Tex.
<i>Eucalymnatus tessellatus</i> (Sign.) (Coccidae):					
<i>Gardenia augusta</i> (Cape-jasmine)	Mexico	4	1		Tex.
Palm	Portugal		1		Pa.
<i>Eucnoceris anthrenoides</i> Sharp (Dermestidae):					
<i>Caesalpinia coriaria</i> (divo-divi)	Venezuela	1			N. Y.
<i>Eumecosomyia nubila</i> (Wied.) (Otitidae):					
<i>Cucurbita maxima</i> (squash)	Mexico	1			Tex.
<i>Zea mays</i> (corn)	do	14			Ariz., Tex.
<i>Eurycipitia vestitus</i> Dist. (Miridae):					
<i>Cattleya bowringiana</i> (orchid)	Guatemala			2	Calif.*
<i>Oncidium cavendishianum</i> (orchid)	do			1	Calif.*
<i>Oncidium splendidum</i> (orchid)	do			1	Calif.*
Orchid	Mexico			1	Tex.
<i>Eurytoma orchidearum</i> (Westw.) (Eurytomidae):					
<i>Cattleya</i> sp. (orchid)	Brazil, Venezuela			37	N. J.
<i>Euscepes postfasciatus</i> (Fairm.) (Curculionidae):					
<i>Ipomoea batatas</i> (sweetpotato)	Brazil, Cuba, Trinidad		6		Ala., La., Md., N. Y., Pa.
<i>Euxesta stigmatias</i> Loew (Otitidae):					
<i>Zea mays</i> (corn)	Mexico	1			Ariz.
<i>Evalljapyx dolichodurus</i> Silv. (Lapygidae):					
<i>Lilium longiflorum</i> (Easter lily)	do			1	Tex.
<i>Everes comyntas</i> (Godart) (Lycaenidae):					
<i>Phaseolus</i> sp. (string bean)	do		5		Tex.
<i>Evergestis rimosalis</i> (Gn.) (Pyraustidae):					
<i>Brassica oleracea botrytis</i> (cauliflower)	do		1		Tex.
<i>Brassica oleracea capitata</i> (cabbage)	do		1		Tex.
<i>Evergestis straminealis</i> (Hbn.) (Pyraustidae):					
Vegetable	Canada			1	N. Y.
<i>Exptochiomera minima</i> (Guer.) (Lygaeidae):					
<i>Calopogonium caeruleum</i> (jicama)	Mexico	1			Tex.
Orchid	do			1	Tex.
<i>Forcipomyia raleighi</i> Macfie (Heleidae):					
<i>Lilium longiflorum</i> (Easter lily)	do			1	Tex.
<i>Forficula auricularia</i> L. (Forficulidae):					
<i>Musa paradisiaca sapientum</i> (banana)	Costa Rica	2			Calif.*
Triticum aestivum (wheat)	Italy, soldier's mail	2			Minn., Pa.
<i>Forficula pubescens</i> Serv. (Forficulidae):					
Mail	Unknown	1			Pa.
<i>Frankliniella bratleyi</i> Wats. (Thripidae):					
<i>Polianthes</i> sp.	Mexico			2	Tex.
<i>Frankliniella cephalica</i> (Crawf.) (Thripidae):					
<i>Posa</i> sp.	do	1			La.
<i>Frankliniella difficilis</i> Hood (Thripidae):					
<i>Posa</i> sp.	Venezuela	1			Fla.*
<i>Frankliniella insularis</i> (Frankl.) (Thripidae):					
Flower	Trinidad			1	N. Y.
<i>Posa</i> sp.	Puerto Rico, Venezuela	2			Fla.*
<i>Frankliniella minuta</i> (Mlt.) (Thripidae):					
<i>Cattleya</i> sp. (orchid)	Mexico			1	Tex.
<i>Frankliniella moultoni</i> Hood (Thripidae):					
<i>Lavandula</i> sp.	Canada	1			Calif.*
<i>Frankliniella schultzei</i> (Tryb.) (Thripidae):					
<i>Ornithogalum</i> sp.	Union of South Africa	1			N. Y.
<i>Frankliniella tritici</i> (Fitch) (Thripidae):					
<i>Gladiolus</i> sp.	Canada	1			N. Y.
<i>Syringa</i> sp. (lilac)	do	1			N. Y.

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<i>Fulvius albomaculatus</i> Dist. (Miridae):					
<i>Citrus paradisi</i> (grapefruit)	Trinidad		1		N. Y.
<i>Fulvius anthocoridis</i> Stal (Miridae):					
Orchid	Mexico			1	Tex.
<i>Fulvius ozycaenoides</i> Reuther (Miridae):					
<i>Khaya</i> sp.	Gold Coast	1			Pa.
<i>Furcaspis biformis</i> (Ckll.) (Coccidae):					
<i>Brassavola</i> sp. (orchid)	Soldier's mail			1	N. J.
<i>Cattleya dowiana</i> (orchid)	Canal Zone			1	N. J.
<i>Cattleya peruviana</i>	Venezuela			1	Tex.
<i>Cattleya trianae</i> alba	Costa Rica			1	N. J.
<i>Cattleya</i> sp.	Colombia, Trinidad, Venezuela, West Indies (?)	6			N. J., Tex.
<i>Oncidium ampliatum majus</i> (orchid)	Canal Zone			1	N. J.
Orchid	Haiti (?)			1	N. J.
<i>Furcaspis oceanica</i> Lindgr. (Coccidae):					
<i>Cocos nucifera</i> (coconut)	Caroline Islands, Eniwetok Island, Marshall Islands, Oceania, sailor's mail, South Pacific	37	4		Calif.,* N. Y., Wash.
Palm or grass skirt	Sailor's mail	1			Minn.
Palm skirt	South Pacific	1			Wash.
<i>Galerucella marmorata</i> Jac. (Chrysomelidae):					
<i>Ananas comosus</i> (pineapple)	Mexico	1			Tex.
<i>Galgupha magna</i> Sailer (Cydniidae):					
<i>Ananas comosus</i> (pineapple)	do	1			Tex.
<i>Geotomus pygmaeus</i> (Dallas) (Cydniidae):					
Grass skirt	Soldier's mail	1			Wash.
<i>Gerstaeckeria mutilaria</i> (Gerst.) (Curculionidae):					
Cactus	Mexico			1	Tex.
<i>Mammillaria trichacantha</i> (cactus)	do			1	Tex.
<i>Mammillaria</i> sp.	do			1	Tex.
<i>Glyphonx praecox</i> (Er.) (Elateridae):					
<i>Ananas comosus</i> (pineapple)	do	1			Tex.
<i>Prunus persica</i> (peach)	do	1			Tex.
<i>Glyptina nivalis</i> Horn (Chrysomelidae):					
<i>Chrysanthemum</i> sp.	do	1			Tex.
<i>Gnorimoschema gudmannella</i> (Wlsm.) (Gelechiidae):					
<i>Capsicum frutescens</i> (pepper)	do	20			Ariz., Tex.
<i>Lycopersicon esculentum</i> (tomato)	do	1			Tex.
<i>Saccharum officinarum</i> (sugarcane)	do	1			Tex.
<i>Gracilaria azaleella</i> Brants (Gracilariidae):					
<i>Rhododendron</i> sp. (azalea)	Canada			1	Wash.
<i>Gracilaria syringella</i> (F.) (Gracilariidae):					
<i>Rhododendron scabrum</i>	do			1	Wash.
<i>Grapholitha packardii</i> Zell (Olethreutidae):					
<i>Crataegus</i> sp. (thorn apple)	Mexico	2			Tex.
<i>Crataegus</i> sp. (red haw)	do	1			Tex.
<i>Crataegus</i> sp. (haw)	do	1			Tex.
<i>Gymnaetron antirrhini</i> Payk. (Curculionidae):					
<i>Linaria</i> sp.	France	1			Oreg.
<i>Haplothrips gowdeyi</i> (Frankl.) (Phlaeothripidae):					
<i>Nerium oleander</i> (oleander)	Mexico			1	D. C.
<i>Haplothrips niger</i> (Osb.) (Phlaeothripidae):					
<i>Syringa</i> sp. (lilac)	Canada	1			N. Y.
<i>Heliodines bella</i> (Chamb.) (Heliodinidae):					
<i>Portulaca oleracea</i> (purslane)	Mexico	60			Ariz., Tex.
<i>Heliothis subflexa</i> (Gn.) (Phalaenidae):					
<i>Physalis</i> sp. (husk tomato)	do	12			Tex.
<i>Hellula undalis</i> (F.) (Pyraustidae):					
<i>Brassica juncea</i> (Chinese mustard)	do	1			Tex.
<i>Brassica oleracea capitata</i> (cabbage)	do	2			Tex.
<i>Brassica rapa</i> (turnip)	do	8			Calif., Tex.
<i>Brassica</i> sp. (mustard)	do	5			Ariz., Tex.
<i>Hermetia illucens</i> (L.) (Stratiomyidae):					
<i>Capsicum frutescens</i> (pepper)	do	1			Tex.
Palm fruit	Liberia	1			Pa.

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Insect and host	Country of origin	Number of interceptions in—			Collected in—
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<i>Hermetia pennicornis</i> Bezzi (Stratiomyidae): Palm.....	Portugal.....	1			Pa.
<i>Heterobostrychus aequalis</i> (Waterh.) (Bostri- chidae): Oryza sativa (rice).....	Soldier's mail.....	1			N. Y.
Wood.....	India, soldier's mail.....	8			La., N. Y.
<i>Heteroderes amplicollis</i> (Gyl.) (Elateridae): Straw jacket.....	Azores.....	1			N. Y.
<i>Hofmannophila pseudospretella</i> (Staint.) (Oecophoridae): Cymbidium sp. (orchid).....	England.....			1	N. J.
Dahlia sp.....	do.....			1	N. J.
Rhododendron sp.....	do.....			1	Wash.
Soil around dahlia tubers.....	do.....			1	Calif.*
<i>Hymenia perspectalis</i> (Hbn.) (Pyraustidae): Beta vulgaris cicla (Swiss chard).....	Mexico.....	1			Tex.
Weeds.....	do.....		1		Tex.
<i>Hypogecoris imperialis</i> (Dist.) (Lygaeidae): Allium sativum (garlic).....	do.....	1			Tex.
Lycopersicon esculentum (tomato).....	do.....	1			Tex.
<i>Hypselnotus fulvus punctiventris</i> Stal (Corei- dae): Chrysanthemum sp.....	do.....	1			Tex.
<i>Ilitona cacti</i> (Lee.) (Histeridae): Musa paradisica sapientum (banana).....	do.....	1			Tex.
<i>Iridomyrmex humilis</i> Mayr. (Formicidae): Airplane.....	South Pacific.....		1		Hawaii.*
Cocos nucifera (coconut).....	Soldier's mail.....	1			Wash.
Sea shells and coconut.....	do.....		1		N. J.
War curios.....	Europe.....	1			N. J.
<i>Iridomyrmex iniquus</i> Mayr. (Formicidae): Cattleya sp. (orchid).....	Venezuela.....			1	N. J.
<i>Iridomyrmex iniquus nigella</i> Emery (Formi- cidae): Cattleya sp. (orchid).....	do.....			1	N. J.
Cattleya skinneri.....	Guatemala.....			1	Calif.*
Fiber packing.....	Panama.....	1			Calif.*
Oncidium caendishianum (orchid).....	Guatemala.....			1	Calif.*
<i>Lamania caliginea</i> Stal (Fulgoridae): Airplane.....	South Pacific (?).....		1		Hawaii.*
<i>Lariophagus distinguendus</i> (Foerst.) (Ptero- malidae): Carum carvi (caraway).....	Mexico.....	1			Tex.
Sorghum vulgare (sorghum).....	Malta.....			1	Ohio.
Triticum aestivum (wheat).....	Soldier's mail, Tunisia.....			2	D. C., N. J.
<i>Lariophagus texanus</i> Cwfd. (Pteromalidae): Airplane.....	South Pacific.....		2		Hawaii.*
<i>Laspeyresia membraea</i> Hein. (Olethreutidae): Prosopis sp. (mesquite).....	Mexico.....	1			Tex.
<i>Laspeyresia splendana</i> (Hbn.) (Olethreuti- dae): Castanea sp. (chestnut).....	France, Italy, Portugal, soldier's mail.....	23	1		Ga., Minn., N. Y., Ohio, Pa.
Quercus sp. (acorn).....	Algeria, Spain.....			3	D. C., N. J.
<i>Lecanopsis formicarum</i> Newst. (Coccidae): Sand ballast.....	England.....	1			Tex.
<i>Leperisinus fraxini</i> (Panz.) (Scolytidae): Fraxinus sp. (ash).....	do.....	5			N. Y.
<i>Lepidosaphes alba</i> (Ckll.) (Coccidae): Munihot esculenta (cassava).....	Haiti.....			1	N. J.
Unknown leaf and stem.....	Bahamas.....	1			N. J.
" <i>Lepidosaphes</i> " <i>hemichionaspiformis</i> Green (Coccidae): Unidentified leaf.....	Australia.....	1			Calif.*
<i>Lepidosaphes juniperi</i> Lindgr. (Coccidae): Juniperus sp.....	Soldier's mail.....			1	N. J.
<i>Lepidosaphes philococcus</i> (Ckll.) (Coccidae): Cactus.....	Mexico.....			1	Tex.
Cereus cometes (cactus).....	do.....			1	Tex.
Cereus marginatus.....	do.....			1	Tex.
Lemaireocereus chende (cactus).....	do.....			1	Tex.
Lemaireocereus stellatus (cactus).....	do.....			1	Tex.
Myrtillocactus geometrizans (cactus).....	do.....			3	Tex.

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<i>Lepidosaphes punicae</i> Laing (Coccidae):					
<i>Lüchi chinensis</i> (lychee)	Honduras			1	D. C.
<i>Lepidosaphes tuberculata</i> Malen. (Coccidae):					
<i>Cymbidium</i> sp. (orchid)	England			4	N. J.
<i>Dendrobium fimbriatum oculatum</i> (orchid)	Trinidad			1	Calif.*
<i>Dendrobium moschatum</i> (orchid)	do			1	Calif.*
<i>Leptostylus gibbulosus</i> Bates (Cerambycidae):					
<i>Sapindus saponaria</i> (southern soapberry)	Colombia, Venezuela	1		1	D. C.
<i>Leucaspis cockerelli</i> (de Charmoy) (Coccidae):					
<i>Citrus aurantifolia</i>	Costa Rica		1		Calif.*
<i>Citrus limon</i> (lemon)	Panama, Trinidad		3		Calif.*
<i>Citrus paradisi</i> (grapefruit)	do		3		Calif.*
<i>Cocos nucifera</i> (coconut)	Hawaii			1	Calif.*
<i>Leucinodes elegantalis</i> Gn. (Pyraustidae):					
<i>Lycopersicon esculentum</i> (tomato)	Mexico	101			Ariz., Tex.
<i>Ligyrocoris aurivilliana</i> (Dist.) (Lygaeidae):					
<i>Portulaca oleracea</i> (purslane)	do	1			Tex.
<i>Ligyrocoris litigiosus</i> (Stal) (Lygaeidae):					
<i>Ananas comosus</i> (pineapple)	do	1			Tex.
<i>Odontoglossum grande</i> (orchid)	Guatemala			1	Calif.*
<i>Ligyrocoris nitidulus</i> (Uhl.) (Lygaeidae):					
Unidentified flower	Mexico	1			Tex.
<i>Ligyrocoris setosus</i> (Stal) (Lygaeidae):					
Cabin of airplane	do		1		Tex.
<i>Limothrips cerealium</i> Hal. (Thripidae):					
<i>Cattleya</i> sp. (orchid)	England			1	N. J.
<i>Cymbidium</i> sp. (orchid)	do			1	N. J.
<i>Lineodes integra</i> (Zell.) (Pyraustidae):					
<i>Lycopersicon esculentum</i> (tomato)	Mexico	16			Ariz., Tex.
<i>Liodes kirochi</i> (Bates) (Tenebrionidae):					
<i>Schomburgkia</i> sp. (orchid)	Honduras			1	N. J.
<i>Liorhyssus hyalinus</i> (F.) (Coreidae):					
<i>Brassica</i> sp. (mustard)	Mexico	1			Tex.
<i>Chrysanthemum</i> sp.	do	1			Tex.
<i>Lactuca sativa</i> (lettuce)	do	5			Tex.
<i>Lycopersicon esculentum</i> (tomato)	do	1			Tex.
<i>Medicago sativa</i> (alfalfa)	do	1			Tex.
<i>Liothrips vaneeckei</i> Pr. (Thripidae):					
<i>Lilium pardalinum giganteum</i> (lily)	England			1	N. J.
<i>Lilium szovitzianum</i>	do			1	N. J.
<i>Lilium</i> sp.	British Columbia			2	Wash.
<i>Liriomyza pusilla</i> (Meig.) (Agromyzidae):					
<i>Lycopersicon esculentum</i> (tomato)	Mexico	2			Tex.
<i>Listrus senilis</i> (Lec.) (Dasytidae):					
<i>Antirrhinum majus</i> (snapdragon)	do	1			Tex.
<i>Gladiolus</i> sp.	do	1			Tex.
Mixed cut flowers	Guatemala	1			Tex.
<i>Litarus connerus</i> (Fourer.) (Mycetophagidae):					
<i>Quercus</i> sp. (acorn)	Spain			1	N. J.
<i>Listronotus oregonensis</i> Lec. (Curculionidae):					
<i>Daucus carota sativa</i> (carrot)	do	1			Tex.
<i>Lophocateres pusillus</i> (Klug.) (Ostomidae):					
<i>Gladiolus</i> sp.	Mexico			1	Tex.
<i>Ipomoea batatas</i> (sweetpotato)	India		1		N. Y.
<i>Oryza sativa</i> (rice)	Brazil	1			N. Y.
<i>Lorostege helvialis</i> (Wlk.) (Pyraustidae):					
<i>Chenopodium album</i> (pigweed)	Mexico	1			Tex.
<i>Cucumis melo</i> (cantaloup)	do	1			Ariz.
<i>Lorostege similalis</i> (Guen.) (Pyraustidae):					
Airplane	do		1		Tex.
<i>Brassica oleracea capitata</i> (cabbage)	do	1			Tex.
<i>Chrysanthemum</i> sp.	do	1			Tex.
<i>Portulaca oleracea</i> (purslane)	do	1			Tex.
<i>Ludius cupreus</i> (F.) (Elateridae):					
Sod in ballast	Scotland	1			N. Y.
<i>Ludius sjaelandicus</i> Mul. (Elateridae):					
Soil	Soldier's mail			1	N. J.
<i>Lycostomus sanguineus</i> Goerh. (Lycidae):					
<i>Lycopersicon esculentum</i> (tomato)	Mexico	1			Ariz.

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<i>Lygaeus pulchellus</i> F. (Lygaeidae):					
<i>Ananas comosus</i> (pineapple).....	Mexico.....	1			Tex.
<i>Lygaeus vittiscutis</i> Stal (Lygaeidae):					
Broom.....	do.....	1			Tex. ⁵
<i>Chrysanthemum</i> sp.....	do.....	1			Tex.
<i>Lycopersicon esculentum</i> (tomato).....	do.....	1			Tex.
<i>Saccharum officinarum</i> (sugarcane).....	do.....	1			Tex.
<i>Lygus apicalis</i> Fieb. (Miridae):					
<i>Chrysanthemum</i> sp.....	do.....	1			Tex.
<i>Lygus elisus</i> Van Duzee (Miridae):					
<i>Brassica rapa</i> (turnip).....	do.....	2			Tex.
<i>Lygus hesperus</i> Knight (Miridae):					
<i>Raphanus sativus</i> (radish).....	do.....	1			Tex.
<i>Lygus oblineatus</i> (Say) (Miridae):					
<i>Brassica chinensis</i> (Chinese cabbage).....	do.....	1			Tex.
<i>Brassica</i> sp. (mustard).....	do.....	2			Tex.
<i>Lactuca sativa</i> (lettuce).....	do.....	1			Ariz.
<i>Lygus rubicundus</i> (Fall.) (Miridae):					
Flowers.....	do.....	1			Tex.
<i>Macroductylus mexicanus</i> Burm. (Scarabaeidae):					
<i>Dianthus</i> sp. (carnation).....	do.....	1			Tex.
<i>Lactuca sativa</i> (lettuce).....	do.....	1			Tex.
<i>Macrosiphoniella sanborni</i> (Gill.) (Aphidae):					
<i>Chrysanthemum</i> sp.....	Canada.....			1	N. Y.
<i>Macrosiphum granarium</i> (Kirby) (Aphidae):					
<i>Gladiolus</i> sp.....	Mexico.....	1			Calif.*
<i>Macrosiphum lilii</i> (Monell) (Aphidae):					
<i>Lilium</i> sp. (lily).....	Chile.....		1		Calif.*
<i>Maruca testulalis</i> (Geyer) (Pyraustidae):					
<i>Phaseolus</i> sp. (string bean).....	Hawaii.....		3		Calif.*, Wash.
<i>Megacyllene boliviana</i> (Chevr.) (Cerambycidae):					
<i>Lonchocarpus</i> sp.....	Peru.....	1			N. Y.
<i>Megapenthes cinnamomeus</i> Champ. (Elateridae):					
<i>Odontoglossum grande</i> (orchid).....	Guatemala.....			1	Calif.*
<i>Megasternum boletophagum</i> (Marsh.) (Hydrophilidae):					
Sod in ballast.....	Scotland.....	2			N. Y.
<i>Melanaspis aliena</i> (Newst.) (Coccidae):					
<i>Cattleya bowringiana</i> (orchid).....	Guatemala.....			1	Calif.*
<i>Cattleya</i> sp.....	Costa Rica.....			1	Calif.*
<i>Melanophora roralis</i> (L.) (Melanophoridae):					
<i>Cattleya</i> sp. (orchid).....	Venezuela.....			3	N. J.
<i>Melanophthalma subfusca</i> (Sharp) (Lathridiidae):					
<i>Allium cepa</i> (onion).....	Mexico.....			3	Tex.
<i>Chrysanthemum</i> sp.....	do.....			1	Tex.
<i>Dasylirion</i> sp.....	do.....	1			Tex.
<i>Lilium longiflorum</i> (Easter lily).....	do.....			1	Tex.
<i>Lycopersicon esculentum</i> (tomato).....	do.....	1			Tex.
<i>Pinus</i> sp. (pine).....	do.....	1			Tex.
<i>Polianthes</i> sp.....	do.....			1	Tex.
<i>Rorippa nasturtium-aquaticum</i> (water cress).....	do.....	1			Tex.
<i>Tillandsia</i> sp.....	do.....			1	Tex.
<i>Meraporus graminicola</i> Wlk. (Pteromalidae):					
Sod in ballast.....	Scotland.....	1			N. Y.
<i>Metamasius sericeus</i> (Oliv.) (Curculionidae):					
<i>Musa paradisiaca sapientum</i> (banana).....	Costa Rica.....	11			Calif.*
<i>Metazonycha circumcincta</i> Horn (Chrysomelidae):					
Bamboo.....	Mexico.....	1			Ariz.
<i>Micrapate labialis</i> Lesne (Bostrichidae):					
<i>Baccharis</i> sp.....	do.....	1			Tex.
<i>Sambucus</i> sp. (elder) (?).....	do.....	1			Pa.
Wood.....	do.....	2			Tex.
<i>Microum ovoforme</i> Matth. (Orthoperidae):					
<i>Lycopersicon esculentum</i> (tomato).....	do.....	1			Tex.

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<i>Micromyzus formosanus</i> (Takah.) (Aphididae):					
<i>Allium cepa</i> (onion).....	Azores.....		1		Pa.
<i>Milichiella lacteipennis</i> (Loew) (Agromyzidae):					
Airplane.....	South Pacific.....		3		Hawaii.*
<i>Mimorista flavidissimalis</i> (Grt.) (Pyraustidae):					
<i>Opuntia</i> sp. (nopal).....	Mexico.....	1			Tex.
<i>Minthea rugicollis</i> (Wlk.) (Lyctidae):					
<i>Furcraea humboldtiana</i> (brava).....	Colombia.....	1			N. Y.
<i>Oryza sativa</i> (rice).....	Soldier's mail.....	1			N. Y.
Wood.....	India, soldier's mail.....	6			La., N. Y.
<i>Monomorium destructor</i> (Jerd.) (Formicidae):					
<i>Schomburgkia</i> sp. (orchid).....	Cayman Islands.....			1	N. J.
<i>Moodna bisinuella</i> Hamp. (Phycitidae):					
<i>Zea mays</i> (corn).....	Mexico.....	13			Tex.
<i>Mordellistena cattleyana</i> Champ. (Mordellidae):					
<i>Cattleya</i> sp. (orchid).....	Brazil, Colombia.....			2	Calif.,* N. J.
<i>Morganella longispina</i> (Morg.) (Coccidae):					
<i>Citrus grandis</i> (pummelo).....	Tahiti.....		1		Calif.*
<i>Citrus sinensis</i> (orange).....	Australia.....		1		Calif.*
<i>Myelobia smerintha</i> (Hbn.) (Galleriidae):					
Bamboo.....	Mexico.....	2			Tex.
<i>Myelois venipars</i> Dyar (Phycitidae):					
<i>Citrus sinensis</i> (orange).....	do.....	1			Tex.
<i>Nabis dentipes</i> Harris (Nabidae):					
<i>Beta vulgaris</i> (beet).....	do.....	1			Tex.
Orchid.....	do.....			1	Tex.
<i>Nabis lovetti</i> Harris (Nabidae):					
<i>Mathiola</i> sp.....	do.....	1			Tex.
<i>Nabis roseipennis</i> Reuter (Nabidae):					
<i>Chrysanthemum</i> sp.....	Canada.....	1			Wash.
<i>Nanus uniformis</i> Boh. (Curculionidae):					
<i>Ananas comosus</i> (pineapple).....	Cuba.....	1			La.
<i>Nathalis iole</i> Bdv. (Pieridae):					
<i>Ananas comosus</i> (pineapple).....	Mexico.....	1			Tex.
<i>Neoclytus augusti</i> (Chevr.) (Cerambycidae):					
<i>Cybistax donnell-smithi</i> (primavera).....	do.....	1			N. Y.
<i>Neoclytus cacticus</i> Chev. (Cerambycidae):					
<i>Cybistax donnell-smithi</i>	Guatemala.....	1			Calif.*
<i>Neodryocoetes caribaeus</i> Blkm. (Scolytidae):					
<i>Hymenaea courbaril</i> (courbaril).....	Trinidad.....			1	N. Y.
<i>Neofurius carvalhoi</i> Costa Lima (Miridae):					
<i>Cattleya</i> sp. (orchid).....	Venezuela.....			1	N. J.
<i>Neoptychodes trilineatus abbreviatus</i> (Casey) (Cerambycidae):					
<i>Merostachys racemiflora</i> (bamboo).....	Mexico.....	1			Ariz.
<i>Nephotettix bipunctatus</i> (F.) (Cicadellidae):					
Bamboo.....	South Pacific.....	1			Wash.
<i>Oryza sativa</i> (rice).....	India.....	1			Fla.*
<i>Notogramma stigma</i> (F.) (Otitidae):					
<i>Physalis</i> sp. (husk tomato).....	Mexico.....	1			Tex.
<i>Notoxus monodon</i> (F.) (Anthicidae):					
<i>Phaseolus</i> sp. (string bean).....	do.....	2			Ariz.
<i>Physalis</i> sp. (husk tomato).....	do.....	1			Tex.
<i>Nysius minutus</i> Uhl. (Lygaeidae):					
<i>Beta vulgaris</i> (beet).....	do.....	4			Tex.
<i>Beta vulgaris cicla</i> (Swiss chard).....	do.....	4			Tex.
<i>Brassica rapa</i> (turnip).....	do.....	20			Tex.
<i>Brassica</i> sp. (mustard).....	do.....	16			Tex.
<i>Cucurbita maxima</i> (squash).....	do.....	1			Tex.
<i>Portulaca oleracea</i> (purslane).....	do.....	17			Tex.
<i>Raphanus sativus</i> (radish).....	do.....	20			Tex.
<i>Salix</i> sp. (willow).....	do.....	1			Tex.
<i>Nysius strigosus</i> Uhl. (Lygaeidae):					
<i>Chrysanthemum</i> sp.....	do.....	1			Ariz.
<i>Lycopersicon esculentum</i> (tomato).....	do.....	1			Tex.
<i>Oncideres rhodosticta</i> Bates (Cerambycidae):					
<i>Malus pumila</i> (apple).....	do.....	1			Ariz.

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<i>Oplopus mundus</i> Stal (Pentatomidae): Suliz sp. (willow).....	Mexico.....	1			Tex.
<i>Opomyza germinationis</i> L. (Agromyzidae): Sod in ballast.....	Scotland.....	1			N. Y.
<i>Orydema fusiforme</i> Woll. (Curculionidae): Bamboo.....	South Pacific.....	1			Wash.
<i>Orydema longulum</i> (Boh.) (Curculionidae): Packing around plants.....	Hawaii.....			1	Calif. *
<i>Ozophora consanguineus</i> (Dist.) (Lygaeidae): Ananas comosus (pineapple).....	Mexico.....	1			Tex.
<i>Lycopersicon esculentum</i> (tomato).....	do.....	1			Tex.
<i>Pachybrachius nigriceps</i> (Dallas) (Lygaeidae): Airplane.....	South Pacific.....		5		Hawaii. *
Box containing trinkets.....	Guam.....		1		Hawaii. *
<i>Pachyneuron allograptae</i> Ashm. (Pteromalidae): Chrysanthemum sp.....	Mexico.....	1			Tex.
<i>Pantomorus xanthographus</i> Germ. (Curculionidae): Excelsior.....	Argentina.....	1			La.
<i>Paraleyrodes citricolus</i> Costa Lima (Aleyrodidae): Gardenia augusta (Cape-jasmine).....	Guatemala.....	1			Tex.
<i>Paraleyrodes singularis</i> Bondar (Aleyrodidae): Gardenia augusta.....	do.....	1			Tex.
<i>Parahagadochir trinitatis</i> (Ss.) (Embiidae): Catleya sp. (orchid).....	Venezuela.....			1	N. J.
<i>Parlatoria camelliae</i> Comst. (Coccidae): Camellia sp.....	Soldier's mail.....			1	N. J.
<i>Parlatoria cinerea</i> Haddon (Coccidae): Citrus aurantifolia (lime).....	Samoa.....		2		Calif. *
Citrus paradisi (grapefruit).....	Mexico, Samoa.....		2		Calif. *
Citrus sinensis (orange).....	Brazil, Mexico, South America.....	1	3		Ariz., Fla., * P. R.
<i>Parlatoria oleae</i> (Colvee) (Coccidae): Prunus domestica (plum).....	Mexico.....	1			Tex.
Rosa sp.....	Italy (?).....		1		N. J.
<i>Parlatoria proteus</i> (Curt.) (Coccidae): Dendrobium aggregatum (orchid).....	Ceylon.....		1		N. J.
Dendrobium sp.....	Haiti (?).....		1		N. J.
Palm.....	Trinidad.....		1		N. Y.
<i>Rhipsalis</i> sp. (cactus).....	Guatemala.....		1		N. J.
<i>Parlatoria ziziphus</i> (Lucas) (Coccidae): Citrus aurantifolia.....	Hawaii.....		1		Calif. *
Citrus sinensis (orange).....	Bermuda (?).....		1		Fla. *
<i>Parthenothrips dracaenae</i> (Heeger) (Thripidae): Cymbidium sp. (orchid).....	England.....			4	N. J.
<i>Pealius hibisci</i> (Kot.) (Aleyrodidae): Hibiscus sp.....	Hawaii.....			2	Calif. *
<i>Pectinophora gossypiella</i> (Saund.) (Gelechiidae): Gossypium sp. (cotton boll).....	do.....	2			Calif., * Wash.
Gossypium sp. (cotton packing).....	Egypt.....	1			Pa.
Gossypium sp. (cottonseed).....	Antigua, Argentina, Cuba, Egypt, Hawaii, Mexico, soldier's mail, Virgin Islands.....	22	1	2	D. C., Minn., N. J., Ohio, Pa., P. R., Wash., Tex.
Gossypium sp. (seed cotton).....	Mexico.....	4			Tex.
<i>Pelopia punctipennis</i> (Mg.) (Tendipedidae): Chrysanthemum sp.....	do.....		2		Tex.
<i>Pemphigus auriculae</i> (Murray) (Aphidae): Primula auricula.....	England.....			1	N. J.
<i>Peregrinus maidis</i> (Ashm.) (Delphacidae): Zea mays (corn).....	Hawaii.....		1		Wash.
<i>Peribolus limbolarius</i> Stal (Pentatomidae): Zea mays.....	Guatemala.....	1			Tex.
<i>Perigenes dispositus</i> Dist. (Lygaeidae): Orchid.....	do.....			1	Calif. *
<i>Phalantha intricata</i> Gorb. (Endomychidae): Ananas comosus (pineapple).....	Mexico.....	1			Tex.

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<i>Phelomerus aberrans</i> (Sharp) (Bruchidae):					
<i>Cassia moschata</i>	Canal Zone			1	Tex.
<i>Phelypera distigma</i> (Boh.) (Curculionidae):					
<i>Ananas comosus</i> (pineapple)	Mexico	1			Ariz.
<i>Phenacaspis pinifoliae</i> (Fitch) (Coccidae):					
<i>Pinus</i> sp. (pine)	Canada		1		Wash.
<i>Phenacaspis sandwicensis</i> Fullaway (?) (Coccidae):					
<i>Cocos nucifera</i> (coconut)	Hawaii, South Pacific	11			Calif.*
<i>Phenacoccus gossypii</i> Towns. & Ckll. (Coccidae):					
<i>Chrysanthemum</i> sp.	Mexico	1			Tex.
<i>Mentha</i> sp. (mint)	do	1			Ariz.
<i>Pelargonium</i> sp. (geranium)	do	1			Tex.
<i>Phyllophaga lanceolata</i> (Say) (Scarabaeidae):					
<i>Chrysanthemum</i> sp.	do	1			Tex.
<i>Lycopersicon esculentum</i> (tomato)	do	1			Tex.
<i>Solanum tuberosum</i> (potato)	do	1			Tex.
<i>Phyllotreta flexuosa</i> (Ill.) (Chrysomelidae):					
Moss packing	England	1			Wash.
<i>Phyllotreta pusilla</i> Horn (Chrysomelidae):					
<i>Brassica rapa</i> (turnip)	Mexico	1			Tex.
<i>Brassica</i> sp. (mustard)	do	2			Tex.
<i>Phymata fasciata georgiensis</i> Melin (Phymatidae):					
<i>Chrysanthemum</i> sp.	do	1			Tex.
<i>Physonota attenuata</i> Boh. (Chrysomelidae):					
<i>Lycopersicon esculentum</i> (tomato)	do	1			Tex.
<i>Phytocoris laevis</i> (Uhler) (Miridae):					
Leafy vegetable	do	1			Tex.
<i>Pinnaspis buxi</i> (Bouche) (Coccidae):					
Orchid	South Pacific			1	Calif.*
Palm	Martinique		2		N. Y.
<i>Pinnaspis temporaria</i> Ferris (Coccidae):					
<i>Citrus aurantifolia</i> (lime)	Panama		1		Calif.*
Tree bark	Canal Zone			1	N. J.
<i>Pintalia dorsivittata</i> (Van D.) (Fulgoridae):					
<i>Prunus domestica</i> (plum)	Mexico		1		Tex.
<i>Pityophthorus cribratus</i> Bkln. (Scolytidae):					
Wooden brace	do	1			Ariz.
<i>Placosternus difficilis</i> (Chevr.) (Cerambycidae):					
<i>Allium cepa</i> (onion)	do	1			Tex.
<i>Platynota rostrana</i> (Wlk.) (Tortricidae):					
<i>Capsicum frutescens</i> (pepper)	do	1			Tex.
<i>Lycopersicon esculentum</i> (tomato)	do	6			Tex.
<i>Platynota stultana</i> (Wlsm.) (Tortricidae):					
<i>Allium cepa</i> (onion)	do			1	Tex.
<i>Capsicum frutescens</i> (pepper)	do	197			Ariz., Tex.
<i>Lycopersicon esculentum</i> (tomato)	do	3			Ariz.
<i>Solanum melongena</i> (eggplant)	do	1			Tex.
<i>Platypus rugulosus</i> Chap. (Platypodidae):					
<i>Cyblastax donnell-smithi</i> (primavera)	Guatemala	1			Calif.*
<i>Pleurophorus batesi</i> Arr. (Scarabaeidae):					
<i>Lactuca sativa</i> (lettuce)	Mexico		1		Ariz.
<i>Portulaca oleracea</i> (purslane)	do	1			Tex.
<i>Pnyxia scabiei</i> (Hopk.) (Fungivoridae):					
<i>Amaryllis</i> sp.	do			1	Tex.
<i>Colocasia esculenta</i> (dasheen)	Azores	1			Pa.
<i>Gladiolus</i> sp.	Mexico			2	Tex.
<i>Lilium longiflorum</i> (Easter lily)	do			10	Tex.
<i>Podisus acutissimus</i> Stal (Pentatomidae):					
<i>Phaseolus</i> sp. (string bean)	do	1			Tex.
<i>Podisus maculiventris</i> (Say) (Pentatomidae):					
<i>Brassica rapa</i> (turnip)	do	1			Tex.
<i>Poronotus strictus</i> (Stal) (Anthocoridae):					
<i>Allium sativum</i> (garlic)	Portugal		1		Pa.
Grass skirt	New Guinea (?), soldier's mail.	2			Oreg., Wash.
<i>Lilium longiflorum</i> (Easter lily)	Mexico			1	Tex.
<i>Zantedeschia</i> sp.	do			2	Tex.

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<i>Poronotus sodalis</i> (B. White) (Anthocoridae): Grass skirt	Soldier's mail	1			Wash.
<i>Prodenia ornithogalli</i> Gn. (Phalaenidae): <i>Beta vulgaris cicla</i> (Swiss chard)	Mexico	1			Tex.
<i>Lycopersicon esculentum</i> (tomato)	do.	1			Tex.
<i>Prostephanus truncatus</i> (Horn) (Bostrichidae): <i>Zea mays</i> (corn)	Guatemala			1	Tex.
<i>Protopulvinaria pyriformis</i> (Ckll.) (Coccidae): <i>Gardenia augusta</i> (Cape-jasmine)	Trinidad			1	N. Y.
<i>Protosphaerion insulare</i> (White) (Cerambycidae): <i>Amyris</i> sp.	Jamaica	1			N. Y.
<i>Pseudaonidia tessera</i> (deCharm.) (Coccidae): <i>Gardenia augusta</i> (Cape-jasmine)	Canal Zone	1			Fla.*
<i>Hibiscus</i> sp.	Hawaii			1	Calif.*
<i>Pseudaonidia trilobitiformis</i> (Green) (Coccidae): <i>Laurus nobilis</i> (Grecian laurel)	Trinidad	1			N. Y.
<i>Pseudischnaspis alienus</i> (Newst.) (Coccidae): <i>Cattleya skinneri</i> (orchid)	Costa Rica, Guatemala			3	Calif., N. J.
<i>Laelia</i> sp. (orchid)	Mexico			1	Tex.
Orchid	Costa Rica, Salvador			3	Tex.
<i>Pseudischnaspis bowreyi</i> (Ckll.) (Coccidae): <i>Persea americana</i> (avocado)	Mexico		1		Tex.
<i>Rosa</i> sp.	Costa Rica			1	Calif.*
<i>Psila rosae</i> (F.) (Psilidae): <i>Daucus carota sativa</i> (carrot)	England		2		N. Y.
Soil around carrots	do.		2		N. Y.
<i>Psychoda alternata</i> Say (Psychodidae): <i>Beta vulgaris</i> (beet)	Mexico	1			Tex.
<i>Beta vulgaris cicla</i> (Swiss chard)	do.	1			Tex.
<i>Lactuca sativa</i> (lettuce)	do.	1			Tex.
Orchid	do.			1	Tex.
<i>Psychoda cinerea</i> Banks (Psychodidae): <i>Portulaca oleracea</i> (purslane)	do.	1			Tex.
<i>Psychoda severini</i> Tonn. (Psychodidae): <i>Portulaca oleracea</i> (purslane)	do.	1			Tex.
<i>Psylliodes chrysocephala</i> (L.) (Chrysomelidae): <i>Brassica rapa</i> (turnip)	England		1		Pa.
Soil around turnips	do.		1		Pa.
<i>Ptenidium fuscicorne</i> Er. (Ptilidae): Sod in ballast	Scotland	1			N. Y.
<i>Ptinus hirtellus</i> Sturm (Ptinidae): Merchandise	Australia	1			Minn.
<i>Pulvinaria psidii</i> Mask. (Coccidae): <i>Gardenia augusta</i> (Cape-jasmine)	Cuba, Mexico, Puerto Rico	6			Fla., Tex.
<i>Renocis mexicanus</i> Blkm. (Scolytidae): Medicinal herb, wood	Mexico	3			Ariz., Tex.
<i>Reticulitermes virginicus</i> (Banks) (Termitidae): Airplane	Unknown		1		Md.
<i>Rhagoletis pomonella</i> (Walsh) (Tephritidae): <i>Malus pumila</i> (apple)	Mexico	1			Tex.
<i>Rhagoletis pomonella</i> (Walsh) (?) (Tephritidae): <i>Malus pumila</i> (apple)	do.	1			Tex.
<i>Rhagoletis striatella</i> Wulp (Tephritidae): <i>Physalis</i> sp. (husk tomato)	do.	15			Tex.
<i>Rhopalosiphoninus tulipaella</i> (Theob.) (Aphidae): <i>Tulipa</i> sp. (tulip)	Netherlands			1	N. Y.
<i>Rhopalosiphum rufomaculatum</i> (Wils.) (Aphidae): <i>Chrysanthemum</i> sp.	Canada, Mexico	1		1	N. Y., Tex.
<i>Rhopalosiphum splendens</i> (Theob.) (Aphidae): Sod in ballast	Scotland	2			N. Y.

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<i>Ribua innoria</i> Hein. (Phycitidae):					
<i>Ananas comosus</i> (pineapple)	Cuba	1	1		La., Tex.
<i>Ripersia palmarum</i> Ehrh. (Coccidae):					
<i>Cocos nucifera</i> (coconut)	Admiralty Island, Hawaii, Solomon Islands.	2		2	Calif.*
<i>Scatella hawaiiensis</i> Grims. (Ephydriidae):					
Airplane	South Pacific		1		Hawaii.*
<i>Scatella sermotata</i> Cr. (Ephydriidae):					
Airplane	do		4		Hawaii.*
<i>Sclodermus macrogaster</i> (Ashm.) (Bethylidae):					
<i>Guajacum officinale</i> (lignumvitae)	Dominican Republic	1			N. Y.
<i>Scolopocerus uhleri</i> Dist. (Coreidae):					
Log	Mexico	1			Tex.
<i>Sepsis pectoralis</i> Mq. (Sepsidae):					
<i>Phaseolus</i> sp. (string bean)	do	1			Ariz.
<i>Serica brunnea</i> (L.) (Scarabaeidae):					
Sod in ballast	Scotland	2			N. Y.
<i>Setomorpha rutella</i> Zell. (Tineidae):					
<i>Dioscorea</i> sp. (yam)	Jamaica	1			N. Y.
<i>Gladiolus</i> sp.	Mexico			3	Tex.
<i>Lilium longiflorum</i> (Easter lily)	do			1	Tex.
<i>Siboria occatoria</i> (Say) (Cicadellidae):					
<i>Chrysanthemum</i> sp.	do	1			Tex.
<i>Silis marginella</i> Jac. Duv. (Cantharidae):					
<i>Coffea</i> sp. (coffee)	Cuba	1			N. Y.
<i>Sisamnes contractus</i> Dist. (Lygaeidae):					
<i>Ananas comosus</i> (pineapple)	Mexico	1			Tex.
<i>Sitona sulcifrons</i> (Thunb.) (Curculionidae):					
<i>Gossypium</i> sp. (cotton)	Soldier's mail	1			N. Y.
<i>Sizeonotus luteiceps</i> Reut. (Miridae):					
Cactus	Mexico			1	Tex.
<i>Mammillaria</i> spp. (cactus)	do			11	Tex.
<i>Stenodontes downesi</i> Hope (Cerambycidae):					
<i>Khaya</i> sp.	Gold Coast	1			Pa.
<i>Stenoma anonella</i> Sepp. (Stenomidae):					
<i>Psidium guajava</i> (guava)	Mexico	1			Tex.
<i>Stenoma catenifer</i> Wlsm. (Stenomidae):					
<i>Persea americana</i> (avocado)	Mexico, Trinidad	1	1		N. Y., Tex.
<i>Stenotrupis marshalli</i> Zimmerman (Curculionidae):					
<i>Cocos nucifera</i> (coconut)	South Pacific	1			Calif.*
<i>Stephanoderes hampei</i> (Ferr.) (Scolytidae):					
<i>Coffea</i> sp. (coffee)	Nigeria	1			N. Y.
<i>Sternochetus mangiferae</i> (F.) (Curculionidae):					
<i>Mangifera indica</i> (mango)	Hawaii	1		3	Calif.*
<i>Stethaulax marmoratus</i> (Say) (Scutelleridae):					
<i>Musa paradisiaca sapientum</i> (banana)	Mexico	1			Tex.
<i>Stirellus bicolor</i> (Van D.) (Cicadellidae):					
<i>Pseudobutylon lozani</i> (falseabutilon)	do	1			Tex.
<i>Stoeberhinus testaceus</i> Butler (Gelechiidae):					
Airplane	South Pacific		9		Hawaii.*
<i>Stolas tristigma</i> (Boh.) (Chrysomelidae):					
<i>Ananas comosus</i> (pineapple)	Mexico	2			Tex.
<i>Strophosoma melanogrammum</i> (Forst.) (Curculionidae):					
<i>Cistus</i> sp.	British Columbia			1	Wash.
<i>Rhododendron</i> sp.	do			1	Wash.
<i>Styringomyia didyma</i> Grim. (Tipulidae):					
Airplane	South Pacific		1		Hawaii.*
<i>Suilla limbata</i> (Thoms.) (Helomyzidae):					
Airplane	do		1		Hawaii.*
<i>Sylepta elevata</i> (F.) (Pyraustidae):					
<i>Ipomoea batatas</i> (sweetpotato)	Panama		3		N. Y.
<i>Tachardiella fulgens</i> (ckll.) (Coccidae):					
<i>Larrea</i> sp.	Mexico	1			Ariz.
<i>Tachyporus chrysomelinus</i> (L.) (Staphylinidae):					
<i>Daucus carota sativa</i> (carrot)	England		1		Tex.
Soil	Scotland	3			Ga., N. Y.
<i>Taeniothrips ericae</i> (Hal.) (Thripidae):					
<i>Calluna vulgaris</i> (heather)	England, Scotland	3			Md.

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<i>Taeniothrips simplex</i> (Mor.) (Thripidae):					
<i>Dianthus</i> sp. (carnation)	Mexico	1			Tex.
<i>Gladiolus</i> sp.	British Columbia, Canada, Mexico.	1		29	N. J., Tex., Wash.
<i>Talponia batesi</i> Hein. (Olethreutidae):					
<i>Annona cherimola</i> (cherimoya)	Mexico	1			Tex.
<i>Targionia bromeliae</i> ("Newst." Leon.) (Coccidae):					
<i>Ananas comosus</i> (pineapple)	do.	4			Ariz., Calif.,* Tex.
<i>Targionia sacchari</i> (Ckll.) (Coccidae):					
<i>Saccharum officinarum</i> (sugarcane)	British Honduras, Cuba, Dominican Republic, Mexico.	2	3		Fla.,* Md.
<i>Tenthecoris bicolor</i> Scott (Miridae):					
<i>Cattleya</i> sp. (orchid)	Brazil, Venezuela			13	N. J.
<i>Tephrochlamys canescens</i> (Mg.) (Helomyzidae):					
Airplane	South Pacific		1		Hawaii*
<i>Tetraleurodes abnormis</i> (Q.) (Aleyrodidae):					
<i>Persea americana</i> (avocado)	Mexico	2		1	Tex.
<i>Tetraleurodes acaciae</i> (Q.) (Aleyrodidae):					
<i>Prosopis</i> sp. (mesquite)	do.	1			Ariz.
<i>Tetraleurodes mori</i> (Q.) (Aleyrodidae):					
<i>Citrus sinensis</i> (orange)	do.	1			Tex.
<i>Citrus</i> sp.	do.	1			Tex.
<i>Mentha</i> sp. (mint)	do.	1			Ariz.
<i>Rosa</i> sp.	do.	1			Tex.
<i>Tetraleurodes perileuca</i> (Ckll.) (Aleyrodidae):					
<i>Quercus</i> sp. (oak)	do.	1			Ariz.
<i>Tetraleurodes ureorum</i> (Ckll.) (Aleyrodidae):					
<i>Rosa</i> sp.	do.	2			Tex.
<i>Tetrapriocera longicornis</i> (Oliv.) (Bostrichidae):					
Wood	Cuba	2			N. Y., Tex.
<i>Texananus excultus</i> (Uhl.) (Cicadellidae):					
<i>Lycopersicon esculentum</i> (tomato)	Mexico	1			Tex.
<i>Thaumaphrastus karanisensis</i> Blaisd. (Colydiidae):					
<i>Ipomoea batatas</i> (sweetpotato)	India		2		N. Y.
<i>Thecla bathildis</i> (Felder) (Lycenidae):					
<i>Phaseolus</i> sp. (string bean)	Mexico	1			Ariz.
<i>Thyanta antiquensis</i> (Westw.) (Pentatomidae):					
<i>Lycopersicon esculentum</i> (tomato)	do.	1			Tex.
<i>Thyanta oustator</i> (F.) (Pentatomidae):					
Mixed vegetables	do.	1			Tex.
<i>Thyanta punctiventris</i> Van Duzee (Pentatomidae):					
<i>Celosia</i> sp. (cockscomb)	do.	2			Tex.
<i>Chrysanthemum</i> sp.	do.	1			Tex.
<i>Toxomerus geminatus</i> (Say) (Syrphidae):					
<i>Brassica oleracea capitata</i> (cabbage)	do.	1			Tex.
<i>Medicago sativa</i> (alfalfa)	do.	1			Tex.
<i>Raphanus sativus</i> (radish)	do.	1			Tex.
<i>Spinacia oleracea</i> (spinach)	do.	1			Tex.
<i>Toxotrypana curvicauda</i> Gerst. (Tephritidae):					
<i>Zea mays</i> (corn)	do.	1			Ariz.
<i>Trachyphloeus bifoveolatus</i> Beck (Curculionidae):					
<i>Lycopersicon esculentum</i> (tomato)	Canada		1		D. C.
<i>Trachyphloeus scabriculus</i> (L.) (Curculionidae):					
<i>Agropyron repens</i> (quackgrass)	Scotland	1			N. Y.
<i>Trachytalis isabellina</i> Fowl. (Membracidae):					
Orchid	Mexico			1	Tex.
<i>Trialeurodes vaporariorum</i> (Westw.) (Aleyrodidae):					
<i>Pelargonium</i> sp. (geranium)	do.			1	Tex.
<i>Persea americana</i> (avocado)	do.			1	Tex.
<i>Rhododendron</i> sp.	Canada			1	Wash.

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<i>Trichoplusia ni</i> (Hbn.) (Phalaenidae):					
<i>Brassica oleracea capitata</i> (cabbage)	Cuba, Mexico	1	1		Tex.
<i>Capiscum frutescens</i> (pepper)	Mexico	2			Ariz.
<i>Trigonotylus brevipes</i> Jakovlef (Miridae):					
Airplane	South Pacific		1		Hawaii.*
<i>Trigonotylus pulcher</i> Reuter (Miridae):					
Airplane	do		1		Hawaii.*
<i>Trochoideus aesjardinsi</i> Guer. (Endomychidae):					
Soil	Solomon Islands	1			Calif.*
<i>Trupanea actinobola</i> (Loew) (Tephritidae):					
<i>Prassica rapa</i> (turnip)	Mexico	1			Tex.
<i>Tychius inermis</i> Csy. (Curculionidae):					
<i>Chrysanthemum</i> sp.	do	1			Tex.
Groceries	do	1			Tex.
<i>Vinsonia stellifera</i> (Westw.) (Coccidae):					
<i>Cynoches</i> sp. (orchid)	Venezuela			1	N. J.
<i>Mangifera indica</i> (mango)	Martinique			1	P. R.
<i>Oncidium</i> sp. (orchid)	Haiti			2	N. J.
Orchid	South Pacific			1	Calif.*
<i>Phalaenopsis</i> sp. (orchid)	Haiti			1	N. J.
<i>Voria ruralis</i> (Fall.) (Larvaevoridae):					
<i>Brassica oleracea capitata</i> (cabbage)	Mexico	1			Tex.
<i>Xanthaciura insecta</i> (Loew) (Tephritidae):					
Undetermined leaf	Cuba	1			Fla.*
<i>Xylion securifer</i> Lesne (Bostrichidae):					
<i>Khaya</i> sp.	Gold Coast	2			Md., Pa.
<i>Xylobiops parilis</i> Lesne (Bostrichidae):					
Bamboo	Mexico	2			Ariz.
<i>Phragmites communis</i> (?)	do	1			Ariz.
Wood	do	2			Ariz.
<i>Xylobiops texanus</i> (Horn) (Bostrichidae):					
<i>Prosopis</i> sp. (mesquite)	do		1		Tex.
<i>Pyrus communis</i> (pear)	do	1			Tex.
<i>Xylopertha crinitarsis</i> (Imh.) (Bostrichidae):					
<i>Khaya</i> sp.	Gold Coast	1			Pa.
<i>Xylopsocus castanoptera</i> (Fairm.) (Bostrichidae):					
Airplane	South Pacific		1		Hawaii.*
<i>Xylothrips religiosus</i> (Boisd.) (Bostrichidae):					
Airplane	do		1		Hawaii.*
<i>Zabrotes subfasciatus</i> (Boh.) (Bruchidae):					
Bean	Costa Rica, Mexico, Salvador.	1		4	D. C., N. Y., Tex.
<i>Chrysanthemum</i> sp.	Mexico	2			Tex.
Daisy	do	1			Tex.
Groceries	do	1			Tex.

Hosts and insects

ACACIA:

Acanthoscelides dominicanus (Coleoptera)

ACHRAS:

Anastrepha serpentina (Diptera)

Asterolecanium pustulans (Homoptera)

Cybosoma grande (Coleoptera)

AGRICUS:

Dacne picta (Coleoptera)

AGROPYRON:

Brachyrhinus ovatus (Coleoptera)

Trachyploeus scabriculus (Coleoptera)

ALLIUM CEPA:

Melanophthalma subfusca (Coleoptera)

Micromyzus formosanus (Homoptera)

Placosternus difficilis (Coleoptera)

Platynota stultana (Lepidoptera)

ALLIUM SATIVUM:

Hypogeocoris imperialis (Hemiptera)

Poronotus constrictus (Hemiptera)

AMARYLLIS:

Pnyxia scabiei (Diptera)

AMYRIS:

Protosphaerion insulare (Coleoptera)

ANANAS:

Alpheias conspirata (Lepidoptera)

Blissus leucopterus (Hemiptera)

Chaetopsis fulvifrons (Diptera)

Conoderus pictus (Coleoptera)

Endestes sculpturatus (Coleoptera)

Galerucella marmorata (Coleoptera)

Galgupha magna (Hemiptera)

Glyphonyx praeceox (Coleoptera)

Ligyrocoris litigious (Hemiptera)

Lygaeus pulchellus (Hemiptera)

Nanus uniformis (Coleoptera)

Nathalis iole (Lepidoptera)

Ozophora consanguineus (Hemiptera)

Phalantha intricata (Coleoptera)

*Hosts and insects—Continued***ANANAS—Continued**

- Phelypera distigma* (Coleoptera)
- Ribua innoxia* (Lepidoptera)
- Sisamnes contractus* (Hemiptera)
- Stolas tristigma* (Coleoptera)
- Targionia bromeliae* (Homoptera)

ANNONA:

- Conchaspis angraeci* (Homoptera)
- Talponia batesi* (Lepidoptera)

ANTIRRHINUM:

- Corimelaena incognita* (Hemiptera)
- Listrus senilis* (Coleoptera)

ARACHIS:

- Corcyra cephalonica* (Lepidoptera)

ARUNDO:

- Amphicerus cornutus* (Coleoptera)

ASTER:

- Campylomma verbasci* (Hemiptera)

BACCHARIS:

- Micrapate labialis* (Coleoptera)

BAMBOO:

- Amphicerus cornutus* (Coleoptera)
- Asterolecanium bambusae* (Homoptera)
- Bostrychopsis trimorpha* (Coleoptera)
- Chlorophorus annularis* (Coleoptera)
- Dinoderus brevis* (Coleoptera)
- Dinoderus ocellaris* (Coleoptera)
- Eucalandra setulosa* (Coleoptera)
- Metazygonycha circumcincta* (Coleoptera)
- Myelobia smerintha* (Lepidoptera)
- Nephotettix bipunctatus* (Homoptera)
- Orydema fusiforme* (Coleoptera)
- Xylobiops parilis* (Coleoptera)

BETA VULGARIS:

- Nabis dentipes* (Hemiptera)
- Nysius minutus* (Hemiptera)
- Psychoda alternata* (Diptera)

BETA VULGARIS CICLA:

- Callosobruchus maculatus* (Coleoptera)
- Cypselia bimaculata* (Diptera)
- Draeculacephala soluta* (Homoptera)
- Hymenia perspectalis* (Lepidoptera)
- Nysius minutus* (Hemiptera)
- Prodenia ornithogalli* (Lepidoptera)
- Psychoda alternata* (Diptera)

BRASSAVOLA. See Orchidaceae**BRASSICA CHINENSIS:**

- Lygus obtineatus* (Hemiptera)

BRASSICA JUNCEA:

- Hellula undalis* (Lepidoptera)

BRASSICA NAPOBRASSICA:

- Ceutorhynchus pleurostigma* (Coleoptera)

BRASSICA OLERACEA BOTRYTIS:

- Aphodius distinctus* (Coleoptera)
- Eregeria rimosalis* (Lepidoptera)

BRASSICA OLERACEA CAPITATA:

- Parathra brassicae* (Lepidoptera)
- Eregeria rimosalis* (Lepidoptera)
- Hellula undalis* (Lepidoptera)
- Loxostege similalis* (Lepidoptera)
- Toxomerus geminatus* (Diptera)
- Trichoplusia ni* (Lepidoptera)
- Voria ruralis* (Diptera)

BRASSICA RAPA:

- Paria lepidii* (Coleoptera)
- Callosobruchus maculatus* (Coleoptera)
- Ceutorhynchus pleurostigma* (Coleoptera)
- Epilachna varivestis* (Hemiptera)
- Hellula undalis* (Lepidoptera)
- Lygus elisus* (Hemiptera)
- Nysius minutus* (Hemiptera)
- Phyllotreta pusilla* (Coleoptera)
- Podisus maculiventris* (Hemiptera)
- Psylliodes chrysocephala* (Coleoptera)
- Trupanea actinobola* (Diptera)

BRASSICA SP. (mustard):

- Epilachna varivestis* (Coleoptera)
- Hellula undalis* (Lepidoptera)
- Liorhyssus hyalinus* (Hemiptera)
- Lygus oblineatus* (Hemiptera)
- Nysius minutus* (Hemiptera)
- Phyllotreta pusilla* (Coleoptera)

BUMELIA:

- Chrysomphalus personatus* (Homoptera)

CACTACEAE:

- Aspidiotus coursetiae* (Homoptera)
- Eriococcus coccineus* (Homoptera)
- Cerataekeria mutilaria* (Coleoptera)
- Lepidosaphes philococcus* (Homoptera)
- Mimorista flavidissimalis* (Lepidoptera)
- Sireonotus luteiceps* (Hemiptera)

CAESALPINIA:

- Acanthoscelides dominicanus* (Coleoptera)
- Carvedon fuscus* (Coleoptera)
- Dinoderus bifoveolatus* (Coleoptera)
- Eucnecerus authrenoides* (Coleoptera)

CAJANUS:

- Acanthoscelides armitagei* (Coleoptera)
- Callosobruchus chinensis* (Coleoptera)
- Callosobruchus maculatus* (Coleoptera)
- Callosobruchus phaseoli* (Coleoptera)

CALLUNA:

- Taeniothrips ericae* (Thysanoptera)

CALOPOGONIUM:

- Conoderus browni* (Coleoptera)
- Exptochiomeria minima* (Hemiptera)

CAMELLIA:

- Parlatoria camelliae* (Homoptera)

CAPSICUM:

- Amorbia emigratella* (Lepidoptera)
- Arvelius albopunctatus* (Hemiptera)
- Conotrachelus seniculus* (Coleoptera)
- Epitrix fasciata* (Coleoptera)
- Estigmene acrea* (Lepidoptera)
- Gnoringoschema gudmannella* (Lepidoptera)
- Hermesia illucens* (Diptera)
- Platynota rostrana* (Lepidoptera)
- Platynota stultana* (Lepidoptera)
- Trichoplusia ni* (Lepidoptera)

CARICA:

- Aonidiella comperei* (Homoptera)

CARUM:

- Lariophagus distinguendus* (Hymenoptera)

CASIMIROA:

- Anastrepha ludens* (Diptera)

CASSIA:

- Phelomerus aberrans* (Coleoptera)

CASTANEA:

- Laspeyresia splendana* (Lepidoptera)

CATTLEA. See Orchidaceae**CELOSIA:**

- Thyanta punctiventris* (Hemiptera)

CEREUS. See Cactaceae**CHALCAS:**

- Aspidiotus palmarum* (Homoptera)

CHENOPODIUM:

- Loxostege helvialis* (Lepidoptera)

CHRYSANthemUM:

- Chaetopsis fulvifrons* (Diptera)
- Clastoptera xanthocephala unicolor* (Homoptera)
- Epicauta rileyi* (Coleoptera)
- Glyptina nivialis* (Coleoptera)
- Hypselnotus fulvus punctiventris* (Hemiptera)
- Liorhyssus hyalinus* (Hemiptera)
- Loxostege similalis* (Lepidoptera)
- Lygaeus vitticatus* (Hemiptera)
- Lygus apicalis* (Hemiptera)
- Macrosiphoniella sanborni* (Homoptera)
- Melanophthalma subfusca* (Coleoptera)
- Nabis roseipennis* (Hemiptera)
- Nysius strigosus* (Hemiptera)
- Pachyneuron allograptae* (Hymenoptera)
- Pelopia punctipennis* (Diptera)
- Phenacoccus gossypii* (Homoptera)
- Phyllophaga lanceolata* (Coleoptera)
- Phymata fasciata georgiensis* (Hemiptera)
- Rhopalosiphum rufomaculatum* (Homoptera)
- Siboria occatoria* (Homoptera)
- Thyanta punctiventris* (Hemiptera)
- Tychius inermis* (Coleoptera)
- Zabrotes subfasciatus* (Coleoptera)

CHRYSOPHYLLUM:

- Anastrepha serpentina* (Diptera)

CICER:

- Callosobruchus maculatus* (Coleoptera)

CISTUS:

- Strophosoma melanogrammum* (Coleoptera)

Hosts and insects—Continued

CITRUS AURANTIFOLIA:

- Aleurocanthus woglumi* (Homoptera)
- Anastrepha ludens* (Diptera)
- Chrysomphalus scutiformis* (Homoptera)
- Leucaspis cockerelli* (Homoptera)
- Parlatoria cinerea* (Homoptera)
- Parlatoria ziziphus* (Homoptera)
- Pinnaspis temporaria* (Homoptera)

CITRUS AURANTIUM:

- Anastrepha ludens* (Diptera)

CITRUS GRANDIS:

- Morganella longispina* (Homoptera)

CITRUS LIMON:

- Leucaspis cockerelli* (Homoptera)

CITRUS NOBILIS UNSHIU:

- Chionaspis citri* (Homoptera)

CITRUS PARADISI:

- Anastrepha fraterculus* (?) (Diptera)
- Anastrepha ludens* (Diptera)
- Ceratitis capitata* (Diptera)
- Chionaspis citri* (Homoptera)
- Chrysomphalus personatus* (Homoptera)
- Fulvius albomaculatus* (Hemiptera)
- Leucaspis cockerelli* (Homoptera)
- Parlatoria cinerea* (Homoptera)

CITRUS SINENSIS:

- Aleurocanthus woglumi* (Homoptera)
- Anastrepha fraterculus* (Diptera)
- Anastrepha ludens* (Diptera)
- Aspidiotus palmarum* (Homoptera)
- Ceratitis capitata* (Diptera)
- Chionaspis citri* (Homoptera)
- Chrysomphalus personatus* (Homoptera)
- Coreya cephalonica* (Lepidoptera)
- Morganella longispina* (Homoptera)
- Myeloides venipars* (Lepidoptera)
- Parlatoria cinerea* (Homoptera)
- Parlatoria ziziphus* (Homoptera)
- Tetraleurodes mori* (Homoptera)

CITRUS SP.:

- Aleurothrixus howardi* (Homoptera)
- Coccus viridis* (Homoptera)
- Dialeurodes citrifolii* (Homoptera)
- Tetraleurodes mori* (Homoptera)

COCOS:

- Aleurocanthus cocois* (?) (Homoptera)
- Aonidiella inornata* (Homoptera)
- Aspidiotus destructor* (Homoptera)
- Aspidiotus palmarum* (Homoptera)
- Aspidiotus spinosus* (Homoptera)
- Brontispa froggatti* (Coleoptera)
- Diocalandra taiwensis* (Coleoptera)
- Furcaspis oceanica* (Homoptera)
- Iridomyrmex humilis* (Hymenoptera)
- Leucaspis cockerelli* (Homoptera)
- Phenacaspis sandwicensis* (?) (Homoptera)
- Rhipersia palmarum* (Homoptera)
- Stenotrupis marshalli* (Coleoptera)

COELOGYNE. See Orchidaceae

COFFEA:

- Aonidiella eremocitri* (Homoptera)
- Coccus viridis* (Homoptera)
- Silis marginella* (Coleoptera)
- Stephanoderes hampei* (Coleoptera)

COLOCASIA:

- Phytia scabiei* (Diptera)

CORIANDRUM:

- Empoasca abrupta* (Homoptera)

CRATAEGUS:

- Anthrenus sylvestris* (Hemiptera)
- Grapholitha packardii* (Lepidoptera)

CROCUS:

- Coproporus pulchellus* (Coleoptera)

CUCUMIS:

- Dacus cucurbitae* (Diptera)
- Diaphania nitidalis* (Lepidoptera)
- Loxostege helvialis* (Lepidoptera)

CUCURBITA:

- Dacus cucurbitae* (?) (Diptera)
- Diaphania hyalinata* (Lepidoptera)
- Diaphania nitidalis* (Lepidoptera)
- Eumecostoma nubila* (Diptera)
- Nysius minutus* (Hemiptera)

CYBISTAX:

- Neoclytus augusti* (Coleoptera)
- Neoclytus cacticus* (Coleoptera)
- Platypus rugulosus* (Coleoptera)

CYDONIA:

- Anastrepha ludens* (Diptera)

CYMBIDIUM. See Orchidaceae

CYONOCHE. See Orchidaceae

DAHLIA:

- Hofmannophila pseudospretella* (Lepidoptera)

DAISY:

- Zabrotes subfasciatus* (Coleoptera)

DASYLIRION:

- Melanophthalma subfusca* (Coleoptera)

DAUCUS:

- Agromyza virens* (Diptera)
- Listronotus oregonensis* (Coleoptera)
- Psila rosae* (Diptera)
- Tachyporus chrysomelinus* (Coleoptera)

DIANTHUS:

- Amorbia emigratella* (Lepidoptera)
- Anacrinus deplanatus* (Coleoptera)
- Macroductylus mexicanus* (Coleoptera)
- Taeniothrips simplex* (Thysanoptera)

DIOSCOREA:

- Setomorpha rutella* (Lepidoptera)

EPIDENDRUM. See Orchidaceae

EUCALYPTUS:

- Eriococcus serratilobis prominens* (Homoptera)

EUGENIA:

- Amorbia emigratella* (Lepidoptera)

FICUS:

- Asterolecanium pustulans* (Homoptera)

FRAGARIA:

- Calligrapha elegans* (Coleoptera)

FRAXINUS:

- Leperisinus fraxini* (Coleoptera)

FURCRAEA:

- Fostrychopsis trimorpha* (Coleoptera)
- Minthea rugicollis* (Coleoptera)

GARDENIA:

- Aleurothrixus myrtacei* (Homoptera)
- Ceroptastes floridensis* (Homoptera)
- Coccus mangiferae* (Homoptera)
- Coccus viridis* (Homoptera)
- Eucalymnatus tessellatus* (Homoptera)
- Paraleurodes citricolus* (Homoptera)
- Paraleurodes singularis* (Homoptera)
- Protopulvinaria pyriformis* (Homoptera)
- Pseudonidia tesserata* (Homoptera)
- Pulvinaria psidii* (Homoptera)

GLADIOLUS:

- Frankliniella tritici* (Thysanoptera)
- Listrus senilis* (Coleoptera)
- Lophocateres pusillus* (Coleoptera)
- Macrostiphum granarium* (Homoptera)
- Phytia scabiei* (Diptera)
- Setomorpha rutella* (Lepidoptera)
- Taeniothrips simplex* (Thysanoptera)

GONGORA. See Orchidaceae

GOSSYPIUM:

- Aethus indicus* (Hemiptera)
- Amorbia emigratella* (Lepidoptera)
- Carneocephala flaviceps* (Homoptera)
- Chariessa vestita* (Coleoptera)
- Coreya cephalonica* (Lepidoptera)
- Pectinophora gossypiella* (Lepidoptera)
- Sitona sulcifrons* (Coleoptera)

GUAJACUM:

- Cleozona pulchra* (Coleoptera)
- Cryptolermes cavifrons* (Isopoda)
- Sclerodermus macrogaster* (Hymenoptera)

HIBISCUS:

- Crociosema plebeiana* (Lepidoptera)
- Pealius hibisci* (Homoptera)
- Pseudonidia tesserata* (Homoptera)

HYMENAEA:

- Neodryocoetes caribaeus* (Coleoptera)

ILEX:

- Epitrix subcrinita* (Coleoptera)

IPOMOEA:

- Cylas femoralis* (Coleoptera)
- Cylas formicarius* (Coleoptera)
- Cylas formicarius elegantulus* (Coleoptera)

Hosts and insects—Continued

IPOMOEAE—Continued

- Cylas puncticollis* (Coleoptera)
Euscapes postfasciatus (Coleoptera)
Lophocateres pusillus (Coleoptera)
Sylepta elevata (Lepidoptera)
Thaumaphrastus karanisensis (Coleoptera)

JUNIPERUS:

- Lepidosaphes juniperi* (Homoptera)

KHAYA:

- Cordylomera spinicornis* (Coleoptera)
Fulvius ozycaenoides (Hemiptera)
Stenodontes downsi (Coleoptera)
Xylton securifer (Coleoptera)
Xylopertha crinitarsis (Coleoptera)

LACTUCA:

- Aceratagallia uhleri* (Homoptera)
Agrotis ypsilon (Lepidoptera)
Cyrtopeltis varians (Hemiptera)
Draeculacephala soluta (Homoptera)
Empoasca abrupta (Homoptera)
Liorhyssus hyalinus (Hemiptera)
Lygus oblineatus (Hemiptera)
Macrodactylus mexicanus (Coleoptera)
Pleurophorus batesi (Coleoptera)
Psychoda alternata (Diptera)

LAELIA. See Orchidaceae

LARREA:

- Tachardiella fulgens* (Homoptera)

LAURUS:

- Parypeithes pellucidus* (Coleoptera)
Pseudodaonidia trilobitiformis (Homoptera)

LAVANDULA:

- Frankliniella moultoni* (Thysanoptera)

LEMAIREOCEREUS. See Cactaceae

LILIUM:

- Aceratagallia robusta* (Homoptera)
Aphis medicaginis (Homoptera)
Coproporus pulchellus (Coleoptera)
Empoasca abrupta (Homoptera)
Evallja pyx dolichodurus (Thysanura)
Forcipomyia raleighi (Diptera)
Liothrips vaneeckei (Thysanoptera)
Macrosiphum lilii (Homoptera)
Melanophthalma subfusca (Coleoptera)
Pnyxia scabiei (Diptera)
Poronotus constrictus (Hemiptera)
Setomorpha rutella (Lepidoptera)

LINARIA:

- Gymnaetron antirrhini* (Coleoptera)

LITCHI:

- Lepidosaphes punicae* (Homoptera)

LITHRAEA:

- Pruchus elegans* (Coleoptera)

LONCHOCARPUS:

- Megacyllene boliviana* (Coleoptera)

LYCOPERSICON:

- Aceratagallia curta* (Homoptera)
Amorbia emigratella (Lepidoptera)
Ceratitidis capitata (Diptera)
Chilo loftini (Lepidoptera)
Dacus cucurbitae (Diptera)
Dysdercus mimulus (Hemiptera)
Epitrix fasciata (Coleoptera)
Ecnorimoschema gudmannella (Lepidoptera)
Hygopogoncoris imperialis (Hemiptera)
Lecynodes elegantulus (Lepidoptera)
Lineodes integra (Lepidoptera)
Liorhyssus hyalinus (Hemiptera)
Liriomyza pusilla (Diptera)
Lygostomus sanguineus (Coleoptera)
Lygaeus vittiscutis (Hemiptera)
Melanophthalma subfusca (Coleoptera)
Microum ovoforme (Coleoptera)
Nysius strigosus (Hemiptera)
Ozophora consanguineus (Hemiptera)
Phyllophaga lanceolata (Coleoptera)
Physonota attenuata (Coleoptera)
Platynota rostrana (Lepidoptera)
Platynota stultana (Lepidoptera)
Prodenia ornithogalli (Lepidoptera)
Tezananus exculius (Homoptera)
Thyanta antiquensis (Hemiptera)
Trachyploeus bifoveolatus (Coleoptera)

MALUS:

- Anastrepha ludens* (Diptera)
Ceratitidis capitata (Diptera)
Oncideres rhodostella (Coleoptera)
Phagolepis pomonella (Diptera)

MAMMEA:

- Anastrepha serpentina* (Diptera)

MAMMILLARIA. See Cactaceae

MANGIFERA:

- Anastrepha ludens* (Diptera)
Anastrepha mombinpraeoptans (Diptera)
Asterolecanium pustulans (Homoptera)
Ceratitidis capitata (Diptera)
Coccus mangiferae (Homoptera)
Sternonchetus mangiferae (Coleoptera)
Vinsonia stellifera (Homoptera)

MANIHOT:

- Lepidosaphes alba* (Homoptera)

MATHIOLA:

- Nabis lovetii* (Hemiptera)

MEDICAGO:

- Colias eurytheme* (Lepidoptera)
Liorhyssus hyalinus (Hemiptera)
Toxomerus geminatus (Diptera)

MENTHA:

- Phenacoccus gossypii* (Homoptera)
Tetraleurodes mori (Homoptera)

MEROSTACHYS:

- Amphicerus cornutus* (Coleoptera)
Neophychodes trilineatus abbreviatus (Coleoptera)

MILTONIA. See Orchidaceae

MUSA:

- Aspidiotus destructor* (Homoptera)
Aspidiotus palmarum (Homoptera)
Chorizagrotis auxiliaris (Lepidoptera)
Chrysomphalus umboniferus (Homoptera)
Forficula auricularia (Dermaptera)
Iliotoma cacti (Coleoptera)
Metamasius sericeus (Coleoptera)
Stethaulax marmoratus (Hemiptera)

MYRTILLOCACTUS. See Cactaceae

NERIUM:

- Aphis nerii* (Homoptera)
Haplothrips gowdeyi (Thysanoptera)

ODONTOGLOSSUM. See Orchidaceae

ONCIDIUM. See Orchidaceae

OPUNTIA. See Cactaceae

ORCHIDACEAE:

- Anaphothrips orchidaceus* (Thysanoptera)
Anaphothrips orchidii (Thysanoptera)
Aspidiotus destructor (Homoptera)
Aspidiotus (Hemiberlesia) *mendax* (Homoptera)
Asterolecanium epidendri (Homoptera)
Chrysomphalus (*Melanaspis*) *tenax* (Homoptera)
Chrysomphalus umboniferus (Homoptera)
Cigenes delineata (Hemiptera)
Coccus pseudohesperidum (Homoptera)
Coproporus pulchellus (Coleoptera)
Crophius costatus (Hemiptera)
Cryphula apicatus (Hemiptera)
Diorymerellus laevimargo (Coleoptera)
Draeculacephala portola (Homoptera)
Eurycipitia vestitus (Hemiptera)
Eurytoma orchidearum (Hymenoptera)
Exptochiemera minima (Hemiptera)
Frankliniella minuta (Thysanoptera)
Frankliniella schultzei (Thysanoptera)
Fulvius anthocorides (Hemiptera)
Furcaspis bifurmis (Homoptera)
Hofmannophila pseudopretella (Lepidoptera)
Iridomyrmex iniquus (Hymenoptera)
Iridomyrmex iniquus nigella (Hymenoptera)
Lepidosaphes tuberculata (Homoptera)
Ligyrocoris litigiosus (Hemiptera)
Limothrips cerealium (Thysanoptera)
Liodes kirochi (Coleoptera)
Megapenthes cinnamomeus (Coleoptera)
Melanaspis aliena (Homoptera)
Melanophora roralis (Diptera)
Monomerium destructor (Hymenoptera)
Mordellistena cattlejana (Coleoptera)
Nabis dentipes (Hemiptera)
Neofurarius carvalhoi (Hemiptera)
Pararhagadochir trinitatis (Orthoptera)

Hosts and insects—Continued

ORCHIDACEAE—Continued

- Parlatoria proteus* (Homoptera)
Parthenothrips dracaena (Thysanoptera)
Perigenes dispositus (Hemiptera)
Pinnaspis buzi (Homoptera)
Pseudischinaspis alienus (Homoptera)
Psychoda alternata (Diptera)
Tenthecoris bicolor (Hemiptera)
Trachytalis isabellina (Homoptera)
Vinsonia stellifera (Homoptera)

ORYZA:

- Cartodere ruficollis* (Coleoptera)
Chilo simplex (?) (Lepidoptera)
Corcyra cephalonica (Lepidoptera)
Dinoderus bifoveolatus (Coleoptera)
Heterobostrychus aequalis (Coleoptera)
Lophocateres pusillus (Coleoptera)
Minthea rugicollis (Coleoptera)
Nephotettix bipunctatus (Homoptera)

PALM:

- Aleurotrachelus atratus* (Homoptera)
Aspidiotus palmarum (Homoptera)
Chrysomphalus personatus (Homoptera)
Eucalymnatus tessellatus (Homoptera)
Furcaspis oceanica (Homoptera)
Hermetia illucens (Diptera)
Hermetia pennicornis (Diptera)
Parlatoria proteus (Homoptera)
Pinnaspis buzi (Homoptera)

PELAGONIUM:

- Phenacoccus gossypii* (Homoptera)
Trialeurodes vaporariorum (Homoptera)

PERESKIOPSIS. See Cactaceae

PERSEA:

- Aleuroglandulus emmae* (Homoptera)
Anastrepha ludens (Diptera)
Aspidiotus destructor (Homoptera)
Aspidiotus spinosus (Homoptera)
Callosobruchus maculatus (Coleoptera)
Caulophylus latinasus (Coleoptera)
Chrysomphalus albopictus (Homoptera)
Conotrachelus agualae (Coleoptera)
Conotrachelus perseae (Coleoptera)
Corcyra cephalonica (Lepidoptera)
Pseudischinaspis boureyi (Homoptera)
Stenoma catenifer (Lepidoptera)
Tetraleurodes abnormis (Homoptera)
Trialeurodes vaporariorum (Homoptera)

PHASEOLUS:

- Agromyza virens* (Diptera)
Callosobruchus maculatus (Coleoptera)
Dacus cucurbitae (Diptera)
Epinotia opposita (Lepidoptera)
Eoeres comyntas (Lepidoptera)
Maruca testulalis (Lepidoptera)
Notoxus monodon (Coleoptera)
Podisus acutissimus (Hemiptera)
Sepsis pectoralis (Diptera)
Thecla bathildis (Lepidoptera)

PHRAGMITES:

- Xylobiops parilis* (Coleoptera)

PHYSALES:

- Cypselia bimaculata* (Diptera)
Epitrix cucumeris (Coleoptera)
Heliothis subflexa (Lepidoptera)
Notogramma stigma (Diptera)
Notoxus monodon (Coleoptera)
Rhagoletis striatella (Diptera)

PINUS:

- Melanophthalma subfusca* (Coleoptera)
Phenacaspis pinifoliae (Homoptera)

PISUM:

- Callosobruchus analis* (Coleoptera)
Callosobruchus maculatus (Coleoptera)
Catorama tabaci (Coleoptera)
Elaemopalpus lignosellus (Lepidoptera)

POLIANTHES:

- Frankliniella bratleyi* (Thysanoptera)
Melanophthalma subfusca (Coleoptera)

PORTULACA:

- Celerio lineata* (Lepidoptera)
Heliodines bella (Lepidoptera)
Ligyrocoris aurivilliana (Hemiptera)
Loxostege similis (Lepidoptera)
Nysius minutus (Hemiptera)

PORTULACA—Continued

- Pleurophorus batesi* (Coleoptera)
Psychoda cinerea (Diptera)
Psychoda severini (Diptera)

PRIMULA:

- Pemphigus auricularae* (Homoptera)

PROSOPIS:

- Acanthoscelides prosopis* (Coleoptera)
Acanthoscelides protractus (Coleoptera)
Colecerus marmoratus (Coleoptera)
Laspeyresia membrorsa (Lepidoptera)
Tetraleurodes acaciae (Homoptera)
Xylobiops texanus (Coleoptera)

PRUNUS DOMESTICA:

- Parlatoria oleae* (Homoptera)
Pintalia dorsivittata (Homoptera)

PRUNUS PERSICA:

- Anastrepha ludens* (Diptera)
Glyphonx praecox (Coleoptera)

PSEUDABUTILON:

- Brachycoryna pumila* (Coleoptera)
Dysdercus mimulus (Hemiptera)
Stirellus bicolor (Homoptera)

PSIDIUM:

- Anastrepha mombinpraeoptans* (Diptera)
Anastrepha suspensa (?) (Diptera)
Stenomoma anorella (Lepidoptera)

PUNICA:

- Anastrepha ludens* (Diptera)

PYRUS:

- Anastrepha ludens* (Diptera)
Carcinops quatuordecimstriata (Coleoptera)
Xylobiops texanus (Coleoptera)

QUERCUS:

- Callirhytis sonoreae* (Hymenoptera)
Conotrachelus integer (Coleoptera)
Curculio q-griseae (Coleoptera)
Decatoma foliatiae arizonica (Hymenoptera)
Laspeyresia splendana (Lepidoptera)
Litargus conneux (Coleoptera)
Tetraleurodes perileuca (Homoptera)

RAPHANUS:

- Drasterius liebens* (Coleoptera)
Lygus hesperus (Hemiptera)
Nysius minutus (Hemiptera)
Toxomerus geminatus (Diptera)

RAPHIA:

- Corynetes analis* (Coleoptera)

RHIPSALES:

- Parlatoria proteus* (Homoptera)

RHODODENDRON:

- Barypithes pellucidus* (Coleoptera)
Dalopius marginalis (Coleoptera)
Dialeurodes chittendeni (?) (Homoptera)
Gracilaria azalella (Lepidoptera)
Gracilaria syringella (Lepidoptera)
Hofmannophila pseudospretella (Lepidoptera)
Strophosoma melanogrammum (Coleoptera)
Trialeurodes vaporariorum (Homoptera)

RINCINUS:

- Catorama tubaci* (Coleoptera)

RORIPPA:

- Melanophthalma subfusca* (Coleoptera)

ROSA:

- Aspidiotus destructor* (Homoptera)
Frankliniella cephalica (Thysanoptera)
Frankliniella difficilis (Thysanoptera)
Frankliniella insularis (Thysanoptera)
Parlatoria oleae (Homoptera)
Pseudischinaspis boureyi (Homoptera)
Tetraleurodes mori (Homoptera)
Tetraleurodes ursorum (Homoptera)

SACCHARUM:

- Chaetopsis fulvifrons* (Diptera)
Diatraea saccharalis (Lepidoptera)
Gnomimoschema gudmannella (Lepidoptera)
Lygaeus rittiscutis (Hemiptera)
Targionia sacchari (Homoptera)

SALIX:

- Dorytomus luridus* (Coleoptera)
Nysius minutus (Hemiptera)
Opilomus mundus (Hemiptera)

SAMBUCUS:

- Micrapate labialis* (Coleoptera)

Hosts and insects—Continued

SAPINDUS:

Leptostylus gibbulosus (Coleoptera)

SAPOTE:

Anastrepha ludens (Diptera)

SARACA:

Dercynus micronyx (Coleoptera)

SAXIFRAGA:

Brachyrhinus sulcatus (Coleoptera)

SCHOMBURGKIA: See Orchidaceae

SECALE:

Bruchus guttalis (Coleoptera)

SERJANIA:

Dinoderus bifoveolatus (Coleoptera)

SMILAX:

Amphicerus cornutus (Coleoptera)

SOBRALIA. See Orchidaceae

SOIL:

Amblyteles armatorius (Hymenoptera)*Amphidasis cognataria* (Lepidoptera)*Aphodius depressus* (Coleoptera)*Aptinotrips rufus* (Thysanoptera)*Barypeithes pellucidus* (Coleoptera)*Brachyrhinus ovatus* (Coleoptera)*Brachyrhinus singularis* (Coleoptera)*Chirothrips manicatus* (Thysanoptera)*Coryca cephalonica* (Lepidoptera)*Hofmannophila pseudospretella* (Lepidoptera)*Ludius cupreus* (Coleoptera)*Ludius sjaclandicus* (Coleoptera)*Magasternum boletophagum* (Coleoptera)*Meraporus graminicola* (Hymenoptera)*Opomyza germinationis* (Diptera)*Psila rosae* (Diptera)*Psylliodes chrysocephala* (Coleoptera)*Ptenidium fuscicorne* (Coleoptera)*Rhopalosiphum splendens* (Homoptera)*Serica brunnea* (Coleoptera)*Tachyporus chrysomelinus* (Coleoptera)*Trochoideus desjardinsi* (Coleoptera)

SOLANUM:

Conotrachelus senticulus (Coleoptera)*Desmometopa m-nigrum* (Diptera)*Epicaerus cognatus* (Coleoptera)*Phyllophaga lanceolata* (Coleoptera)*Platynota stultana* (Lepidoptera)

SORGHUM:

Diatraea saccharalis (Lepidoptera)*Lariophagus distinguendus* (Hymenoptera)

SPINACIA:

Conotrachelus senticulus (Coleoptera)*Empoasca thela* (Homoptera)*Toxomerus geminatus* (Diptera)

SPONDIAS:

Aspidiotus herculeanus (Homoptera)*Pulvinaria psidii* (Homoptera)

STENOLOBIUM:

Clydonopteron tecomae (Lepidoptera)

SWIETENIA:

Brentus anchorago (Coleoptera)

SYNTHYRIS:

Aleyrodes spiraeoides (Homoptera)

SYRINGA:

Frankliniella tritici (Thysanoptera)*Haplothrips niger* (Thysanoptera)

TIGRIDIA:

Bolbothrips aztecus (Thysanoptera)

TILLANDSIA:

Melanophthalma subfusca (Coleoptera)

TRITICUM:

Bruchus guttalis (Coleoptera)*Draeculacephala lenticula* (Homoptera)*Forficula auricularia* (Dermaptera)*Lariophagus distinguendus* (Hymenoptera)

TULIPA:

Rhopalosiphoninus tulipaella (Homoptera)

TYPHA:

Chaetopsis debilis (Diptera)

ULMUS:

Clytus arctis (Coleoptera)

VANILLA. See Orchidaceae

VICIA:

Acanthoscelides ceratioborus (Coleoptera)*Apion ochropus* (Coleoptera)*Apion pomonae* (Coleoptera)*Bruchus guttalis* (Coleoptera)*Bruchus rufipes* (Coleoptera)*Callosobruchus chinensis* (Coleoptera)

VITIS:

Aedes albifasciatus (Diptera)*Ceratitis capitata* (Diptera)

WARSZEWICZIA:

Coccus viridis (Homoptera)

ZANTEDESCHIA:

Chaetopsis fulvifrons (Diptera)*Enicmus minutus* (Coleoptera)*Poronotus constrictus* (Hemiptera)

ZEA:

Adoretus sinicus (Coleoptera)*Chaetopsis fulvifrons* (Diptera)*Drasterius livens* (Coleoptera)*Eumecosomyia nubila* (Diptera)*Euxesta stigmatias* (Diptera)*Moodna bisinuella* (Lepidoptera)*Peregrinus maidis* (Homoptera)*Peribatus limbolarius* (Hemiptera)*Prostephanus truncatus* (Coleoptera)*Toxotrypana curvicauda* (Diptera)

ZINGIBERACEAE:

Aspidiotus spinosus (Homoptera)

Hosts unknown

AIRPLANE:

Aceratagallia sordida (Homoptera)*Ceratitis capitata* (Diptera)*Colladonus montanus* (Homoptera)*Draeculacephala soluta* (Homoptera)*Iridomyrmex humilis* (Hymenoptera)*Lamenia caliginea* (Homoptera)*Lariophagus texanus* (Hymenoptera)*Ligyrocoris setosus* (Hemiptera)*Loxostege similalis* (Lepidoptera)*Milichietta lacteipennis* (Diptera)*Pachybrachius nigriceps* (Hemiptera)*Reticulitermes virginicus* (Isoptera)*Scatella hawaiiensis* (Diptera)*Scatella sexnotata* (Diptera)*Stoeberhinus testaceus* (Lepidoptera)*Styringomyia didyma* (Diptera)*Suilla limbata* (Diptera)*Tephroclamyx canescens* (Diptera)*Trigonotylus brevipennis* (Hemiptera)*Trigonotylus pulcher* (Hemiptera)*Xyloplocus castanoptera* (Coleoptera)*Xylothrips religiosus* (Coleoptera)

BASKET:

Dinoderus brevis (Coleoptera)

BEAN:

Acanthoscelides ceratioborus (Coleoptera)*Maruca testulalis* (Lepidoptera)*Zabrotes subfasciatus* (Coleoptera)

BROOM:

Lygaeus vitticutis (Hemiptera)

FLOWERS:

Frankliniella insularis (Thysanoptera)*Ligyrocoris nitidulus* (Hemiptera)*Listrus senilis* (Coleoptera)*Lygus rubicundus* (Hemiptera)

GRASS:

Enicmus consimilis (Coleoptera)*Enicmus minutus* (Coleoptera)*Geotomus pygmaeus* (Hemiptera)*Lecanopsis formicarum* (Homoptera)*Poronotus constrictus* (Hemiptera)*Poronotus sodalis* (Hemiptera)

GROCERIES:

Tychius inermis (Coleoptera)*Zabrotes subfasciatus* (Coleoptera)

HAY:

Enicmus consimilis (Coleoptera)*Enicmus minutus* (Coleoptera)

Hosts unknown—Continued

HERB:

Renocis mexicanus (Coleoptera)

LEAF:

Aspidiotus destructor (Homoptera)*Aspidiotus excisus* (Homoptera)*Chrysomphalus personatus* (Homoptera)*Coccus viridis* (Homoptera)*Lepidosaphes alba* (Homoptera)*"Lepidosaphes" hemichionaspiformis* (Homoptera)*Xanthaciura insecta* (Diptera)

LEGUME:

Callosobruchus maculatus (Coleoptera)*Callosobruchus phaseoli* (Coleoptera)

MAIL:

Forficula pubescens (Dermaptera)

MERCHANDISE:

Ptinus hirtellus (Coleoptera)

PACKING:

Iridomyrmex iniquus nigella (Hymenoptera)*Oxydema longulum* (Coleoptera)*Pantomorus xanthographus* (Coleoptera)*Phyllostreta flexuosa* (Coleoptera)

PLANT:

Artipus floridanus (Coleoptera)

RAILWAY CAR:

Anastrepha ludens (Diptera)*Charissa vestita* (Coleoptera)

RECEPTACLE CONTAINING ORANGES

Anastrepha ludens (Diptera)

SEA SHELLS AND COCONUT:

Iridomyrmex humilis (Hymenoptera)

SEEDS:

Acanthoscelides spinipes (Coleoptera)*Caryedon fuscus* (Coleoptera)*Calorama herbarium* (Coleoptera)

STRAW:

Heteroderes amplicollis (Coleoptera)

UNKNOWN:

Calendra ochrea (Coleoptera)

VEGETABLES:

Brachyrhinus ovatus (Coleoptera)*Empoasca abrupta* (Homoptera)*Evergestis straminealis* (Lepidoptera)*Phytocoris laevis* (Hemiptera)*Thyanta custator* (Hemiptera)

WAR CURIOS:

Iridomyrmex humilis (Hymenoptera)*Pachybrachius nigriceps* (Hemiptera)

WEEDS:

Hymenia perspectalis (Lepidoptera)

WOOD:

Apatides fortis (Coleoptera)*Desmiphora hirticollis* (Coleoptera)*Dinoderus bifoveolatus* (Coleoptera)*Heterobostrychus aequalis* (Coleoptera)*Micrapate labialis* (Coleoptera)*Minthea rugicollis* (Coleoptera)*Pinnaaspis temporaria* (Homoptera)*Pityophthorus cribratus* (Coleoptera)*Renocis mexicanus* (Coleoptera)*Scolopocerus uhleri* (Hemiptera)*Tetraproctera longicornis* (Coleoptera)*Xylobiops paritis* (Coleoptera)

Countries of origin and insects

ADMIRALTY ISLAND:

*Aspidiotus destructor**Rhipersia palmarum*

ALGERIA:

*Baris lepidii**Laspeyresia splendana*

ANTIGUA:

*Corecya cephalonica**Pectinophora gossypiella*

ARGENTINA:

*Acanthoscelides spinipes**Aedes albifasciatus**Carcinops quatuordecimstriata**Caryedon fuscus**Diatraea saccharalis**Pantomorus xanthographus**Pectinophora gossypiella*

ARUBA:

Chionaspis citri

AUSTRALIA:

*Ceratitidis capitata**Eriococcus serratilobis prominens**"Lepidosaphes" hemichionaspiformis**Morganella longispina**Ptinus hirtellus*

AZORES:

*Heteroderes amplicollis**Micromyzus formosanus**Pnyxia scabiei*

BAHAMAS:

*Artipus floridanus**Callosobruchus phaseoli**Lepidosaphes alba*

BELGIAN CONGO:

Aspidiotus destructor

BERMUDA:

Aphis medicaginis

BRAZIL:

Anastrepha fraterculus (?)*Anastrepha serpentina**Callosobruchus maculatus**Ceratitidis capitata* (?)*Eurytoma orchidearum**Euscepes postfasciatus**Lophocateres pusillus**Mordellistena cattlejana**Parlatoria cinerea**Tenthorax bicolor*

BRITISH COLUMBIA:

*Aleyrodes spiraeoides**Amphidasis cognataria**Brachyrhinus sulcatus**Campylomma verbasci**Dorytomus luridus**Liothrips vaneckei**Strophosoma melanogrammum**Taeniothrips simplex*

BRITISH GUIANA:

*Callosobruchus maculatus**Chionaspis citri*

BRITISH HONDURAS:

*Anastrepha mombinipraeoptans**Targionia sacchari*

BRITISH WEST INDIES:

Callosobruchus maculatus

CANADA:

*Barypeithes pellucidus**Brachyrhinus ovatus**Brachyrhinus singularis**Calligrapha elegans**Epitrix subcinnita**Evergestis straminealis**Frankliniella moultoni**Frankliniella tritici**Gracilaria azalella**Gracilaria syringella**Haplothrips niger**Macrosiphoniella sanborni**Nabis roseipennis**Phenacaspis pinifoliae**Rhopalosiphum rufomaculatum**Taeniothrips simplex**Trachyploeus bifoveolatus**Trialeurodes vaporariorum*

CANAL ZONE:

*Acanthoscelides armitagei**Chrysomphalus umboniferus**Coccus viridis**Cylas formicarius*, probably *elegantulus**Furcaspis biformis**Phelomerus aberrans**Pinnaaspis temporaria**Pseudanidia tessera*

CAROLINE ISLANDS:

*Aonidiella inornata**Furcaspis oceanica*

Countries of origin and insects—Continued

CAYMAN ISLANDS:

Monomorium destructor

CEYLON:

*Aspidiotus destructor**Parlatoria proteus*

CHILE:

*Acanthoscelides ceratioborus**Bruchus elegans**Diaphania mitidalis**Macrosiphum lilii*

CHINA:

Callosobruchus chinensis

COLOMBIA:

*Acanthoscelides dominicanus**Aleurothrixus howardi**Aspidiotus destructor**Bostrychopsis trimorpha**Chrysomphalus (Melanaspis) tenax**Coccus viridis**Coproporus pulchellus**Cylas formicarius elegantulus**Dialeurodes citrifolii**Dinoderus bifoveolatus**Eucalandra setulosa**Furcaspis biformis**Leptostylus gibbulosus**Minthea rugicollis**Mordellistena cattlejana*

COSTA RICA:

*Aspidiotus destructor**Aspidiotus palmarum**Asterolecanium bambusae**Asterolecanium epedendri**Ceroptastes floridensis**Chorizagrotis auxillaris**Chrysomphalus umboniferus**Forficula auricularia**Furcaspis biformis**Leucaspis cockerelli**Melanaspis aliena**Metamasius sericeus**Pseudischnaspis alienus**Pseudischnaspis bowreyi**Zabrotes subfasciatus*

CUBA:

*Anastrepha mombinpraeoptans**Anastrepha suspensa* (?)*Aspidiotus spinosus**Coccus viridis**Conchaspis angraei**Corcya cephalonica**Cylas formicarius elegantulus**Dialeurodes citrifolii**Diatraea saccharalis**Dinoderus bifoveolatus**Euscepes postfasciatus**Nanus uniformis**Pectinophora gossypiella**Pulvinaria psidii**Ribua innoxia**Silis marginella**Targionia sacchari**Tetrapirocera longicornis**Trichoplusia ni**Xanthactura insecta*

CURACAO:

Coccus viridis

DOMINICAN REPUBLIC:

*Anastrepha serpentina**Asterolecanium pustulans**Coccus viridis**Sclerodermus macrogaster**Targionia sacchari*

EGYPT:

*Ceratitis capitata**Corcya cephalonica**Pectinophora gossypiella*

ENGLAND:

*Anaphothrips orchidaceus**Aphodius distinctus**Barathra brassicae**Barypeithes pellucidus**Brachyrhinus ovatus**Brachyrhinus singularis**Ceutorhynchus pleurostigma*

ENGLAND—Continued

*Clytus arietis**Dalopius marginatus**Dialeurodes chittendeni* (?)*Hofmannophila pseudospretella**Lecanopsis formicarum**Leperisinus fraxini**Lepidosaphes tuberculata**Limothrips cerealeum**Liothrips vaneeckei**Parthenothrips dracaenae**Pemphigus auriculae**Phyllotreta flexuosa**Psila rosae**Psyllodes chrysocephala**Tachyporus chrysomelinus**Taeniothrips ericae*

ENIWETOK ISLAND:

Furcaspis oceanica

EUROPE:

Iridomyrmex humilis

FIJI ISLANDS:

Aspidiotus destructor

FRANCE:

*Gymnaetron antirrhini**Laspeyresia splendana*

GERMANY:

Enicmus consimilis

GOLD COAST:

*Cordylomera spinicornis**Corynetes analis**Cylas femoralis**Fulbicus ozycaenoides**Stenodontes downesi**Xylion securifer**Xylopertha crinitarsis*

GUADALCANAL:

Aleurocanthus cocois (?)

GUAM:

*Chlorophorus annularis**Pachybrachius nigriceps*

GUATEMALA:

*Aleurothrixus myrtacei**Anastrepha ludens**Anaphothrips orchidii**Aspidiotus (Hemiberlesia) mendax**Asterolecanium epidendri**Chrysomphalus umboniferus**Cleozona pulchra**Cligenes delineata**Coccus pseudodhesperidum**Coccus viridis**Crophius costatus**Cryphula apicatus**Cryptolermes cavifrons**Cyboscema grande**Diorymerellus laevimargo**Eurycypitia vestitus**Iridomyrmex iniquus nigella**Ligyrocoris litigious**Listrus senilis**Megapenthes cinnamomeus**Melanaspis aliena**Neoclytus cacticus**Paraleyrodes citricolus**Paraleyrodes singularis**Parlatoria proteus**Perigenes dispositus**Platypus rugulosus**Prostephanus truncatus**Pseudischnaspis alienus*

HAITI:

*Anastrepha mombinpraeoptans**Asterolecanium epidendri**Corcya cephalonica**Cylas formicarius elegantulus**Lepidosaphes alba**Vinsonia stellifera*

HAWAII:

*Adoretus sinicus**Amorbia emigratella**Aspidiotus spinosus**Caryedon fuscus**Ceratitis capitata**Coccus viridis*

Countries of origin and insects—Continued

HAWAII—Continued

Dacus cucurbitae
Callosobruchus chinensis
Callosobruchus phaseoli
Diocalandra taitensis
Leucaspis cockerelli
Maruca testulalis
Oxydema longulum
Parlatoria ziziphus
Pealius hibisci
Pectinophora gossypiella
Peregrinus maidis
Penacaspis sandwicensis (?)
Pseudonidia tessarata
Ripersia palmarum
Sternochetus mangiferae

HONDURAS:

Conotrachelus perseae
Cylas formicarius elegantulus
Lepidosaphes punctiae
Liodema kirochi

INDIA:

Callosobruchus analis
Callosobruchus maculatus
Catorama herbarium
Cylas formicarius
Dinoderus bifoveolatus
Dinoderus brevis
Dinoderus ocellaris
Heterobostrychus aequalis
Lophocateres pusillus
Minthea rugicollis
Nephotettix bipunctatus
Thaumaphrastus karanisensis

ITALY:

Apion pomonae
Bruchus rufipes
Forficula auricularia
Laspeyresia splendida

JAMAICA:

Anastrepha mombinpraeoptans
Callosobruchus chinensis
Callosobruchus maculatus
Catorama tabaci
Chionaspis citri
Protosphaerion insulare
Selomorpha rutella

LIBERIA:

Hermetia illucens

MADEIRA ISLANDS:

Chrysomphalus personatus

MALTA:

Lariophagus distinguendus

MARSHALL ISLANDS:

Aonidiella inornata
Furcaspis oceanica

MARTINIQUE:

Chrysomphalus personatus
Coccus mangiferae
Pinnaaspis buzi
Vinsonia stellifera

MEXICO:

Acanthoscelides dominicanus
Acanthoscelides prosopis
Acanthoscelides protractus
Aceratagallia curta
Aceratagallia robusta
Aceratagallia sordida
Aceratagallia uhleri
Agromyza virens
Agrotis ypsilon
Aleurocanthus woglumi
Aleuroglandulus emmae
Aleurothrixus myrtacei
Aleurotrachelus atratus
Alpheias conspurata
Amorbia emigratella
Amphicerus cornutus
Anacentrinus deplanatus
Anaphothrips orchidaceus
Anastrepha ludens
Anastrepha serpentina
Apatides fortis
Aphis nerii
Arvelius albopunctatus

MEXICO—Continued

Aspidiotus coursetiae
Aspidiotus spinosus
Asterolecanium bambusae
Asterolecanium pustulans
Blissus leucopterus
Bolbothrips aztecus
Brachycoryna pumila
Brentus anchorago
Calendra ochrea
Callirhytis sonoreae
Callosobruchus maculatus
Catorama tabaci
Caulophilus latinasus
Celerio lineata
Ceroptastes floridensis
Chaetopsis debilis
Chaetopsis julifrons
Churriessa vestita
Chilo loftini
Chrysomphalus albopictus
Chrysomphalus personatus
Chrysomphalus scutiformis
Clastoptera xanthocephala unicolor
Clydonopteron tecomae
Coccus mangiferae
Coccus viridis
Colecerus marmoratus
Colias eurytheme
Conoderus browni
Conoderus pictus
Conotrachelus aquacatae
Conotrachelus integer
Conotrachelus seniculus
Coproporus pulchellus
Corcyra cephalonica
Corimelaena incognita
Crociosema plebeiana
Curculio q-griseae
Cylas formicarius elegantulus
Cypselia bimaculata
Cyrtopeltis varians
Decatoma foliatae arizonica
Diaphania hyalinata
Diaphania nitidalis
Diatraea saccharalis
Diorymerellus laevimargo
Draeculacephala lenticula
Draeculacephala portola
Draeculacephala soluta
Drasterius livens
Dysdercus mimulus
Elasmopalpus lignosellus
Empoasca abrupta
Empoasca thela
Endestes sculpturatus
Enicmus minutus
Epicaerus cognatus
Epicauta rileyi
Epilachna varivestis
Epinotia opposita
Epitrix cucumeris
Epitrix fasciata
Eriococcus coccineus
Estigmene acrea
Eucalandra setulosa
Eucalymnatus tessellatus
Eumecosomyia nubila
Eurycippita vestitus
Euxesta stigmatias
Evalljapyx dolichoduuus
Everes comyntas
Evergestis rimosalis
Exptochiamera minima
Forcipomyia raleighi
Frankliniella bratleyi
Frankliniella cephalica
Frankliniella minuta
Fulvius anthocorides
Galerucella marmorata
Galgupha magna
Gerstaeckeria mutillaria
Glyphonyx praecox
Glyptina nivalis
Gnorimoschema gudmannella

Countries of origin and insects—Continued

MEXICO—Continued

Grapholitha packardii
Haplothrips gowdeyi
Heliodines bella
Heliothis subflexa
Hellula undalis
Hermesia illucens
Hymenia perspectalis
Hypogecoris imperialis
Hypselnotus fulvus punctiventris
Ilionea cacti
Lariophagus distinguendus
Laspeyresia membra
Lepidosaphes philococcus
Leucinodes elegantalis
Ligyrocoris auricilliana
Ligyrocoris litigiousus
Ligyrocoris nitidulus
Ligyrocoris setosus
Lineodes integra
Liorhyssus hyalinus
Liriomyza pusilla
Listronotus oregonensis
Listrus senilis
Lophocateres pusillus
Loxostege helvialis
Loxostege similalis
Lycostomus sanguineus
Lygaeus pulchellus
Lygaeus vittiscutis
Lygus apicalis
Lygus elisus
Lygus hesperus
Lygus oblineatus
Lygus rubicundus
Macroductylus mexicanus
Macrosiphum granarium
Melanophthalma subfusca
Metazygonycha circumcincta
Micrapate labialis
Microum oviforme
Mimorista flavidissimalis
Moodna bisinuella
Myelobia smerintha
Myelois venipars
Nabis dentipes
Nabis lovetti
Nathalis iole
Neoclytus augusti
Neoptychodes trilineatus abbreviatus
Notogramma stigma
Notorus monodon
Nysius minutus
Nysius strigosus
Oncideres rhodosticta
Opilomus mundus
Ozophora consanguineus
Pachyneuron allograptae
Parlatoria cinerea
Parlatoria oleae
Pectinophora gossypiella
Pelopia punctipennis
Peribalus limbolarius
Phalantha intricata
Phelypera distigma
Phenacoccus gossypii
Phyllophaga lanceolata
Phylloreta pusilla
Phymata fasciata georgiensis
Physonota attenuata
Phytocoris laevis
Pintalia dorsivittata
Pityophthorus cribratus
Placosternus difficilis
Platynota rostrana
Platynota stultana
Pleurophorus batesi
Pnyxia scabiei
Podisus acutissimus
Podisus maculiventris
Poronotus constrictus
Prodenia ornithogalli
Pseudischnaspis alienus
Pseudischnaspis boureyi
Psychoda alternata

MEXICO—Continued

Psychoda cinerea
Psychoda severini
Pultinaria psidii
Renocis mexicanus
Rhagoletis pomonella
Rhagoletis striatella
Rhopalosiphum rufomaculatum
Scolopocerus uhleri
Sepsis pectoralis
Setomorpha rutella
Siboria occatoria
Sisamnes contractus
Sizeonotus luteiceps
Stenomoma anonella
Stenomoma catenifer
Stethaulax marmoratus
Stirellus bicolor
Stolas tristigma
Tachardiella fulgens
Taeniothrips simplex
Talponia batesi
Targionia bromeliae
Targionia sacchari
Tetraleurodes acaciae
Tetraleurodes abnormis
Tetraleurodes mori
Tetraleurodes perileuca
Tetraleurodes ursorum
Texananus exultans
Thecla bathildis
Thyanta antiquensis
Thyanta custator
Thyanta punctiventris
Toxomerus geminatus
Toxotrypana curvicauda
Trachytalis isabellina
Trialeurodes vaporariorum
Trichoplusia ni
Trupanea actinobola
Tychius inermis
Voria ruralis
Xylobiops parilis
Xylobiops texanus
Zabrotes subfasciatus

NETHERLANDS:
Rhopalosiphoninus tulipae

NEW GUINEA:
Aspidiotus destructor
Aspidiotus palmarum

NEW HEBRIDES:
Diocalandra taitensis

NIGERIA:
Callosobruchus maculatus
Stephanoderes hampei

NORTH IRELAND:
Anthocoris sylvestris

OCEANIA:
Furcaspis oceanica

PALESTINE:
Ceratitidis capitata

PANAMA:
Aspidiotus destructor
Chrysomphalus personatus
Coccus viridis
Cylas formicarius elegantulus
Iridomyrmex iniquus nigella
Leucaspis cockerelli
Pinnaspis temporaria
Sylepta elevata

PERU:
Acanthoscelus ceratioborus
Dinoderus bifoveolatus
Epinotia opposita
Megacyllene boliviana

PHILIPPINES:
Aonidiella inornata
Aspidiotus destructor
Dinoderus brevis

PORTUGAL:
Apion pomonae
Bruchus guttalis
Ceratitidis capitata
Desmometopa m-nigrum
Eucalymnatus tessellatus

Countries of origin and insects—Continued

PORTUGAL—Continued

Hermetia pennicornis
Laspeyresia splendana
Poronotus constrictus

PUERTO RICO:

Anastrepha mombinpraeoptans
Aspidiotus destructor
Aspidiotus herculeanus
Chionaspis citri
Coccus viridis
Corcyra cephalonica
Cylas formicarius elegantulus
Dialeurodes citrifolii
Frankliniella insularis
Pulvinaria psidii

SALVADOR:

Anastrepha serpentina
Carneocephala flaviceps
Desmiphora hirticollis
Pseudischinaspis alienus
Zabrotes subfasciatus

SAMOA:

Parlatoria cinerea

SCOTLAND:

Amblyteles armatorius
Aphodius depressus
Aptinotrips rufus
Brachyrhinus ovatus
Chirotrips manicatus
Ludius cupreus
Megastornum boletophagum
Meraporus graminicola
Opomyza germinationis
Ptenidium fusciorne
Rhopalosiphum splendens
Serica brunnea
Tachyporus chrysomelinus
Taeniothrips ericae
Trachyploeus scabriculus

SIERRA LEONE:

Cylas puncticollis

SOLOMON ISLANDS:

Aleurocanthus cocois (?)
Brontispa froggatti
Ripersia palmarum
Trochoideus desjardinsi

SOUTH AMERICA:

Parlatoria cinerea

SOUTH PACIFIC:

Aonidiella eremotiri
Aonidiella inornata
Aspidiotus excisus
Caryedon fuscus
Ceratitis capitata
Colladonus montanus
Dinoderus brevis
Enicmus minutus
Furcaspis oceanica
Iridomyrmex humilis
Lariophagus tezanus
Milichiella lacteipennis
Nephotettix bipunctatus
Oxydema fusiforme
Pachybrachius nigriceps
Phenacaspis sandwicensis (?)
Pinnaspis buxi
Scutella hawaiiensis
Scutella sexnotata
Stenotrupis marshalli
Stoerberhinus testaceus
Styringomyia didyma
Suillia limbata
Tephrochlamys canescens
Trigonotylus brevipes
Trigonotylus pulcher
Vinsonia stellifera
Xylopsocus castanoptera
Xylothrips religiosus

SPAIN:

Ceratitis capitata (?)
Laspeyresia splendana
Litargus connexus

TAHITI:

Morganella longispina

TINIAN ISLAND:

Aonidiella comperei

TRINIDAD:

Anastrepha fraterculus (?)
Asterolecanium epidendri
Dercynus micromyx
Diaphania nitidalis
Euscepes postfasciatus
Frankliniella insularis
Fulvius albomaculatus
Furcaspis bififormis
Lepidosaphes tuberculata
Leucaspis cockerelli
Neodryocoeles caribaeus
Parlatoria proteus
Protopulvinaria pyriformis
Pseudoaonidia trilobitiformis
Stenoma catenifer

TUNISIA:

Lariophagus distinguendus

UNION OF SOUTH AFRICA:

Ceratitis capitata (?)
Frankliniella schultzei

UNKNOWN:

Aethus indicus
Apion ochropus
Apion pomonae
Cardiodes ruficollis
Chilo simplex (?)
Coccus viridis
Corcyra cephalonica
Cylas formicarius elegantulus
Dacne picta
Dinoderus brevis
Dinoderus ocellaris
Enicmus consimilis
Enicmus minutus
Forficula auricularia
Forficula pubescens
Furcaspis bififormis
Furcaspis oceanica
Geotomus pygmaeus
Heterobostrychus aequalis
Iridomyrmex humilis
Lamenia caliginea
Lariophagus distinguendus
Laspeyresia splendana
Lepidosaphes juniperi
Ludius sjelandicus
Minthea rugicollis
Parlatoria camelliae
Parlatoria oleae
Parlatoria proteus
Parlatoria ziziphus
Pectinophora gossypiella
Poronotus constrictus
Poronotus sodalis
Reticulitermes virginicus
Sitona sulcifrons

VENEZUELA:

Aspidiotus palmae
Asterolecanium epidendri
Callosobruchus maculatus
Chionaspis citri
Coccus viridis
Eucnecerus anthrenoides
Eurytoma orchidearum
Frankliniella diffilis
Frankliniella insularis
Furcaspis bififormis
Iridomyrmex miquius
Iridomyrmex iniquus nigella
Leptostylus gibbulosus
Melanophora roralis
Neofurios carvalhoi
Parahagadochir trinitatis
Tenthercoris bicolor
Vinsonia stellifera

VIRGIN ISLANDS:

Pectinophora gossypiella

List of pests (diseases) collected and reported from July 1, 1944, to June 30, 1945, inclusive

[An asterisk indicates State inspection]

Disease and host	Country of origin	Number of interceptions for—			Collected in—
		Consumption	Non-entry	Propagation	
<i>Albugo bliti</i> (Biv.-Bern.) Kuntze: <i>Amaranthus</i> sp.	Mexico	5			Tex.
<i>Alternaria dianthi</i> F. L. Stevens & J. G. Hall: <i>Dianthus</i> sp. (carnation)	Venezuela	1			Fla. *
<i>Alternaria porri</i> (Ell.) Cif.: <i>Allium cepa</i> (onion)	Mexico	2			Tex.
<i>Alternaria radicina</i> F. Meier et al: <i>Daucus carota sativa</i> (carrot)	do.	1			Tex.
<i>Angiopsora pallescens</i> (Arth.) Mains: <i>Euchlaena</i> sp. (teosinte)	Guatemala			1	Tex.
<i>Aphelenchoides parietinus</i> (Bastian) Steiner: <i>Solanum tuberosum</i> (potato)	Sweden		1		Pa.
<i>Aphelenchus avenae</i> Bastian: <i>Solanum tuberosum</i> (potato)	Italy		1		Md.
<i>Aphelenchus bicaudatus</i> Imamura: <i>Colocasia esculenta</i> (dasheen)	Azores	1			Pa.
<i>Ascochyta citri</i> Penz. (?): <i>Citrus sinensis</i> (orange)	Australia		1		Calif. *
<i>Ascochyta graminicola</i> Sacc.: <i>Triticum aestivum</i> (wheat)	do.	1			Calif. *
<i>Ascochyta pisi</i> Lib.: <i>Pisum sativum</i> (pea)	Mexico, Portugal	11	1		Pa., Tex.
<i>Asterina agave</i> Ell. & Ev.: <i>Agave</i> sp.	Mexico			1	Tex.
<i>Asterina delitescens</i> Ell. & G. Martin: <i>Persea</i> sp.	do.		1		Tex.
<i>Asterina wrightii</i> Berk & Curt: Cactus	do.			1	Tex.
<i>Bacillus amylovorus</i> (Burr.) Trev.: <i>Pyrus communis</i> (pear)	do.	1			Tex.
<i>Bacterium citri</i> (Hasse) Doidge: <i>Citrus paradisi</i> (grapefruit)	Australia		1		Md.
<i>Bacterium lachrymans</i> E. F. Sm. & Bryan: <i>Cucumis sativus</i> (cucumber)	Mexico	2			Tex.
<i>Bacterium maltacearum</i> E. F. Sm.: <i>Gossypium</i> sp. (cotton boll)	do.	1	1		Tex.
<i>Bacterium marginatum</i> McCull.: <i>Gladiolus</i> sp.	do.	2		34	D. C., Tex.
<i>Bacterium pisi</i> (Sackett) E. F. Sm.: <i>Pisum sativum</i> (pea)	do.	8			Tex.
<i>Basisporium gallarum</i> Moll.: <i>Zea mays</i> (corn)	do.	2			Ariz.
<i>Botrytis allii</i> Munn: <i>Allium cepa</i> (onion)	Argentina, Australia, Mexico.	13	2		Ariz., Calif. * Md., Tex.
<i>Botrytis narcissicola</i> Kleb.: <i>Narcissus</i> sp.	England, Ireland, Wales			5	N. J.
<i>Botrytis tulipae</i> (Lib.) Lind.: <i>Tulipa</i> sp. (tulip)	England			5	Md., N. J.
<i>Cephalosporium sacchari</i> Butl. (?): <i>Saccharum officinarum</i> (sugarcane)	Trinidad			1	Ala.
<i>Ceratostomella fimbriata</i> (Ell. & Halst.) Elliott: <i>Ipomoea batatas</i> (sweetpotato)	Mexico	1			Tex.
<i>Cercospora althaeina</i> Sacc.: <i>Gossypium</i> sp. (cotton)	do.		2		Tex.
<i>Cercospora angreci</i> Roum.: <i>Odontoglossum</i> sp. (orchid)	England			5	N. J.
<i>Cercospora caleroides</i> Sacc.: <i>Casimiroa edulis</i> (white-sapote)	Mexico	1			Ariz.
<i>Cercospora capsici</i> Heald & Wolf: <i>Capsicum frutescens</i> (pepper)	do.	2			Tex.
<i>Cercospora coffeicola</i> Berk. & Curt.: <i>Coffea</i> sp. (coffee)	Guatemala			1	N. J.
<i>Cercospora gaultheriae</i> Ell. & Ev.: <i>Gaultheria acuminata</i>	Mexico	1			Tex.
<i>Cercospora lythracearum</i> Heald & Wolf: <i>Punica granatum</i> (pomegranate)	do.	1			Tex.

List of pests (diseases) collected and reported from July 1, 1944, to June 30, 1945,
inclusive—Continued

Disease and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Non-entry	Propagation	
<i>Cercospora musae</i> Zimm.: <i>Musa paradisiaca sapientum</i> (banana)....	Canal Zone, Cuba, Guatemala, Mexico, Panama, Puerto Rico.	58	6	---	Calif.*, Md., Pa. Tex.
<i>Cercospora sechii</i> Stevenson: <i>Sechium edule</i> (chayote).....	Trinidad.....	---	1	---	Tex.
<i>Cercospora sorghi</i> Ell. & Ev.: <i>Sorghum halepense</i> (Johnson grass).....	Mexico.....	---	3	---	Tex.
<i>Cercospora staticis</i> Lob.: <i>Armeria</i> sp. (statice).....	Guatemala.....	1	---	---	Tex.
<i>Cercosporella mori</i> Pk.: <i>Morus</i> sp. (mulberry).....	Mexico.....	1	1	---	Tex.
<i>Cercosporina insulana</i> Sacc.: <i>Armeria</i> sp. (statice).....	do.....	3	---	---	Tex.
<i>Cladosporium carpophilum</i> Thuem.: <i>Prunus persica</i> (peach).....	Algeria.....	---	1	---	Md.
<i>Cladosporium cucumerinum</i> Ell. & Arth. (?): <i>Cucurbita maxima</i> (squash).....	Mexico.....	2	---	---	Tex.
<i>Cladosporium piscicolum</i> Snyder: <i>Pisum sativum</i> (pea).....	Portugal.....	---	1	---	Pa
<i>Cladosporium vignae</i> Gardner: <i>Pisum sativum</i> (pea).....	Cuba.....	---	1	---	Fla.*
<i>Claviceps paspali</i> F. L. Stevens & J. G. Hall: <i>Paspalum dilatatum</i> (Dallis grass).....	Union of South Africa.....	---	---	1	N. Y.
<i>Claviceps purpurea</i> (Fr.) Tul.: <i>Bromus brevis</i>	Uruguay.....	---	---	1	*D. C.
<i>Colletotrichum cinctum</i> (Berk. & Curt.) Ston.: <i>Odontoglossum schlieperianum</i> (orchid)....	Costa Rica.....	---	---	1	Calif.*
<i>Colletotrichum falcatum</i> Went: <i>Saccharum officinarum</i> (sugarcane).....	Cuba, Mexico.....	2	1	---	Fla*, Pa., Tex.
<i>Colletotrichum graminicolum</i> (Ces.) G. W. Wils.: <i>Oryza sativa</i> (rice).....	India.....	1	---	---	Calif.*
<i>Sorghum vulgare</i> (sorghum).....	Guatemala.....	1	---	---	Tex.
<i>Colletotrichum lagenarium</i> (Pass.) Ell. & Halst.: <i>Cucumis sativus</i> (cucumber).....	Cuba.....	---	1	---	Pa. Ariz.
<i>Lagenaria</i> sp. (gourd).....	Mexico.....	1	---	---	Tex.
<i>Colletotrichum lineola</i> Cda.: <i>Sorghum halepense</i> (Johnson grass).....	do.....	---	2	---	Tex.
<i>Sorghum vulgare</i> (sorghum).....	do.....	---	1	---	Tex.
<i>Sorghum vulgare technicum</i> (broomcorn)....	do.....	2	---	---	Tex.
<i>Colletotrichum macrosporum</i> Sacc.: <i>Vanda</i> spp. (orchid).....	New Hebrides.....	---	---	1	Calif.*
<i>Colletotrichum pisi</i> Pat.: <i>Pisum sativum</i> (pea).....	Mexico.....	4	---	---	Tex.
<i>Coniothyrium phormii</i> Cke.: <i>Phormium tenax</i> (New Zealand flaxlily)....	Australia.....	1	---	---	Calif.*
<i>Curcularia geniculata</i> (Tracy & Earle) Boed.: <i>Sorghum vulgare caffrorum</i> (kafir).....	Saipan.....	---	---	1	Calif.*
<i>Cylindrosporium celtidis</i> Earle: <i>Celtis</i> sp. (hackberry).....	Mexico.....	---	1	---	Tex.
<i>Cylindrosporium chrysanthemi</i> Ell. & Dearn.: <i>Chrysanthemum</i> sp.....	do.....	3	1	---	Tex.
<i>Cytospora dahliae</i> Peyl: <i>Dahlia</i> sp.....	Australia.....	---	---	1	Calif.*
<i>Cytospora leucostoma</i> Sacc.: <i>Malus pumila</i> (apple).....	Canada.....	---	---	1	Wash.
<i>Cytospora palmorum</i> Cke.: <i>Cocos nucifera</i> (coconut).....	Soldier's mail.....	1	---	---	N. Y.
<i>Cytospora palmicola</i> Berk. & Curt.: <i>Cocos nucifera</i> (coconut).....	South Pacific, sailor's mail.....	2	---	---	Calif.*, Mass.
<i>Diaporthe phaseolorum</i> Sacc.: <i>Phaseolus limensis</i> (lima bean).....	Mexico.....	1	---	---	Ariz. Tex.
<i>Phaseolus</i> sp. (string bean).....	Cuba.....	---	1	---	Tex.
<i>Diaporthe salicella</i> (Fr.) Sacc.: <i>Salix</i> sp.....	British Columbia.....	1	---	---	Calif.*
<i>Dilophospora graminis</i> Desm. (?): <i>Triticum aestivum</i> (wheat).....	Tunisia.....	---	---	1	D. C.

List of pests (diseases) collected and reported from July 1, 1944, to June 30, 1945, inclusive—Continued

Disease and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Non-entry	Propagation	
<i>Diplodia coccoearpa</i> Sacc. var. <i>malaccensis</i> Tassi:					
<i>Cocos nucifera</i> (coconut).....	Caroline Islands, South-west Pacific, soldier's mail.	4			Calif.* , Wash.
<i>Diplodia paraphysaria</i> Sacc.:					
<i>Cattleya</i> sp. (orchid).....	Brazil.....			1	P. R.
Orchid.....	Canal Zone.....			1	Tex.
<i>Diplodia zeae</i> Léw.:					
<i>Zea mays</i> (corn).....	Guatemala.....			2	N. J., Tex.
<i>Diplodina graminea</i> Sacc.:					
<i>Cynodon dactylon</i> (Bermuda grass).....	Ethiopia.....			1	D. C.
<i>Ditylenchus destructor</i> Thorne:					
<i>Solanum tuberosum</i> (potato).....	England.....		1		Pa.
<i>Ditylenchus dipsaci</i> (Kuehn) Filip.:					
<i>Allium sativum</i> (garlic).....	Mexico.....	10			Tex.
<i>Hyacinthus</i> sp.....	England.....			1	N. J.
<i>Iris xiphioides</i> var.....	British Columbia.....			1	Calif.*
<i>Iris</i> sp.....	England.....			1	N. J.
<i>Narcissus</i> sp.....	England, Wales.....			3	N. J.
<i>Elsinoe australis</i> Bitanc. & Jenkins:					
<i>Citrus limon</i> (lemon).....	Brazil, Uruguay.....		2		N. Y.
<i>Citrus sinensis</i> (orange).....	Uruguay.....		1		Fla.*
<i>Elsinoe piri</i> (Wor.) Jenkins:					
<i>Malus pumila</i> (apple).....	France.....		1		N. Y.
<i>Erysiphe cichoracearum</i> DC.:					
<i>Cucurbita maxima</i> (squash).....	Mexico.....	1			Tex.
<i>Cucurbita pepo</i> (pumpkin).....	do.....	1			Tex.
<i>Eurotium herbariorum</i> (Wigg.) Lk.:					
<i>Vicia</i> sp. (vetch).....	Soldier's mail.....	1			Pa.
<i>Exobasidium vaccinii</i> Fekl.:					
<i>Azalea</i> sp.....	Azores, Belgium.....			3	N. J.
<i>Erosporium cactorum</i> Petr. & Cif.:					
<i>Cactus</i>	Mexico.....	1			Tex.
<i>Fabraea maculata</i> (Léw.) Atk.:					
<i>Cydonia oblonga</i> (quince).....	do.....	2			Tex.
<i>Eriobotrya japonica</i> (loquat).....	do.....	1			Tex.
<i>Fusarium bulbigenum</i> Cke. & Mass.:					
<i>Narcissus</i> sp.....	Ireland.....			4	N. J.
<i>Fusarium heterosporum</i> Nees:					
<i>Bromus brevis</i>	Uruguay.....			1	D. C.
<i>Fusarium mali</i> Taub.:					
<i>Allium cepa</i> (onion).....	Mexico.....	1			Tex.
<i>Fusarium orthoceras gladioli</i> McCull.:					
<i>Gladiolus</i> sp.....	Mexico, soldier's mail.....			97	N. J., Tex.
<i>Fusicladium eriobotryae</i> Cav.:					
<i>Eriobotrya japonica</i> (loquat).....	Portugal.....	1	2		Pa.
<i>Fusicoccum castaneum</i> Sacc.:					
<i>Castanea</i> sp. (chestnut).....	Italy (?).....			1	N. J.
<i>Gloeosporium affine</i> Sacc.:					
<i>Cattleya skinneri</i> (orchid).....	Guatemala.....			1	Calif.*
<i>Gloeosporium cattleyae</i> Sacc. & D. Sacc.:					
<i>Cattleya bowringiana</i> (orchid).....	do.....			1	Calif.*
<i>Cattleya skinneri</i>	do.....			1	Calif.*
<i>Cattleya</i> sp.....	Colombia.....			2	P. R.
<i>Gloeosporium cymbidii</i> Verpl.:					
<i>Cymbidium</i> sp. (orchid).....	India.....			1	Calif.*
<i>Gloeosporium leguminum</i> (Cke.) Sacc.:					
<i>Prosopis</i> sp. (mesquite).....	Mexico.....		9		Tex.
<i>Gloeosporium phormii</i> (P. Henn.) Sacc.:					
<i>Phormium tenax</i> (New Zealand flaxlily).....	Australia.....	1			Calif.*
<i>Glomerella gossypii</i> (Southworth) Edg.:					
<i>Gossypium</i> sp. (cotton).....	Cuba.....		1		Pa.
<i>Gonatobotrys flava</i> Bon.:					
<i>Lycopersicon esculentum</i> (tomato).....	Mexico.....	2			Ariz.
<i>Helminthosporium oryzae</i> Breda de Haan:					
<i>Oryza sativa</i> (rice).....	Soldier's mail.....	1			D. C.
<i>Helminthosporium turcicum</i> Pass.:					
<i>Sorghum halepense</i> (Johnson grass).....	Mexico.....		2		Tex.
<i>Sorghum vulgare caffrorum</i> (kafir).....	Saipan.....			1	Calif.*

List of pests (diseases) collected and reported from July 1, 1944, to June 30, 1945,
inclusive—Continued

Disease and host	Country of origin	Number of interceptions in—			Collected in—
		Consump- tion	Non-entry	Propaga- tion	
<i>Hendersonia rosae</i> West. (?):					
<i>Rosa pruhoniciana</i>	England			1	N. J.
<i>Heterodera marioni</i> (Cornu) Goodey:					
<i>Gesneria longituba</i>	do			1	N. J.
<i>Heterosporium althii</i> Ell. & G. Martin:					
<i>Allium cepa</i> (onion).....	Mexico	2			Tex.
<i>Heterosporium variable</i> Cke.:					
<i>Spinacia oleracea</i> (spinach).....	do	2			Tex.
<i>Hormodendron cladosporioides</i> (Fres.) Sacc.:					
<i>Vicia faba</i> (broadbean).....	Spain		1		Pa.
<i>Isariopsis griseola</i> Sacc.:					
<i>Phaseolus limensis</i> (lima bean).....	Mexico	1			Ariz.
<i>Leptosphaeria tritici</i> (Garov.) Pass.:					
<i>Triticum aestivum</i> (wheat).....	Soldier's mail	1			Wash.
<i>Leptothyrium pomi</i> (Mont. & Fr.) Sacc.:					
<i>Citrus paradisi</i> (grapefruit).....	Costa Rica		1		Calif.*
<i>Lethum australiense typicum</i> Holmes:					
<i>Capsicum frutescens</i> (pepper).....	Mexico	2			Ariz.
<i>Lycopersicon esculentum</i> (tomato).....	do	390			Ariz.
<i>Macrophoma candollei</i> (Berk. & Br.) Berl. & Vogl.:					
<i>Buxus</i> sp.....	Wales			1	N. J.
<i>Macrophoma musae</i> (Cke.) Berl. & Vogl.:					
<i>Musa paradisiaca sapientum</i> (banana).....	India		1		Md.
<i>Macrosporium peponicolum</i> Rab.:					
<i>Cucurbita pepo</i> (pumpkin).....	Union of South Africa		1		N. Y.
<i>Marmor tabaci vulgare</i> Holmes:					
<i>Capsicum frutescens</i> (pepper).....	Mexico	241			Ariz.
<i>Memnoniella echinata</i> (Revolta) L. D. Gall.:					
<i>Cattleya</i> sp. (orchid).....	Venezuela			1	N. J.
<i>Metasphaeria albescens</i> Thuem.:					
<i>Oryza sativa</i> (rice).....	China	1			Calif.*
<i>Monilia sitophila</i> (Mont.) Sacc.:					
<i>Arachis hypogaea</i> (peanut).....	Mexico	1			Ariz.
<i>Monilochaetes infuscans</i> Ell. & Halst.:					
<i>Ipomoea batatas</i> (sweetpotato).....	do	2			Ariz., Tex.
<i>Mycosphaerella citrullina</i> (C. O. Sm.) Gross.:					
<i>Sechium edule</i> (chayote).....	Canal Zone, Cuba, Trinidad		4		Pa., Tex.
<i>Mycosphaerella tulasnei</i> Jacz.:					
<i>Triticum aestivum</i> (wheat).....	Italy	1			Pa.
<i>Myrothecium roridum</i> Tode ex Fr.:					
<i>Lycopersicon esculentum</i> (tomato).....	Mexico	4			Ariz., Tex.
<i>Nigrospora oryzae</i> (Berk. & Br.) Petch:					
<i>Oryza sativa</i> (rice).....	Soldier's mail	1			Pa.
<i>Nigrospora panici</i> Zimm. (?):					
<i>Oryza sativa</i> (rice).....	do	2			Fla.*
<i>Nigrospora sphaerica</i> (Sacc.) Mason:					
<i>Musa paradisiaca sapientum</i> (banana).....	Mexico	1			Tex.
<i>Zea mays</i> (corn).....	Guatemala		1		N. J.
<i>Popularia vinosa</i> (Berk. & Curt.) Mason:					
Bamboo.....	Mexico	1			Ariz.
<i>Saccharum officinarum</i> (sugarcane).....	do	1			Tex.
<i>Papulaspora rubida</i> Hotson:					
<i>Tulipa</i> sp. (tulip).....	England			1	N. Y.
<i>Pellicularia filamentosa</i> (Pat.) Rogers:					
Flower leaf.....	Mexico	1			Tex.
<i>Penicillium corymbiferum</i> Westling (?):					
<i>Iris</i> sp.....	New Zealand			1	Calif. *
<i>Penicillium gladioli</i> McCull. & Thom:					
<i>Gladiolus</i> sp.....	Canada, Mexico soldier's mail.			76	Ariz., N. J., Tex.
<i>Peronospora parasitica</i> (Pers.) D By.:					
<i>Brassica oleracea capitata</i> (cabbage).....	Canada		1		Calif. *
<i>Pestalotia guepini</i> Desm.:					
<i>Camellia japonica</i> (camellia).....	Ireland			1	Calif. *
<i>Pestalotia palmarum</i> Cke.:					
<i>Cocos nucifera</i> (coconut).....	Oceania, Puerto Rico	2			Fla. *, Wash
Palm.....	Mozambique		1		Pa.
<i>Pestalotia rhododendri</i> (D. Sacc.) Guba:					
<i>Rhododendron</i> sp.....	England			1	Wash.

List of pests (diseases) collected and reported from July 1, 1944, to June 30, 1945,
inclusive—Continued

Disease and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Non-entry	Propagation	
<i>Phaeosphaeria oryzae</i> Miyake:					
<i>Oryza sativa</i> (rice).....	India.....	1			Calif. *
<i>Phoma allostoma</i> Diedl.:					
<i>Taxus</i> sp.....	England.....	1			N. Y.
<i>Phoma citricarpa</i> McAlp.:					
<i>Citrus limon</i> (lemon).....	Australia.....		10		Calif. *, N. Y.
<i>Citrus sinensis</i> (orange).....	do.....		9		Calif. *, N. Y., Wash.
<i>Phoma glumarum</i> Ell. & Tr.:					
<i>Oryza sativa</i> (rice).....	Brazil.....	1			N. Y.
<i>Phoma lingam</i> (Tode) Desm.:					
<i>Brassica oleracea capitata</i> (cabbage).....	Mexico.....	2			Tex.
<i>Phoma lophiostomoides</i> Sacc.:					
<i>Triticum aestivum</i> (wheat).....	Australia.....	7			Calif. *
<i>Phoma mamillariae</i> Ell. & Ev.:					
<i>Mamillaria craigii</i> (cactus).....	Mexico.....			1	Calif. *
<i>Phoma pseudacori</i> Brun.:					
<i>Iris</i> sp.....	New Zealand.....			1	N. J.
<i>Phyllachora cynodontis</i> (Sacc.) Niessl:					
<i>Cynodon dactylon</i> (Bermuda grass).....	Ethiopia.....			1	D. C.
<i>Cynodon transvaalensis</i> (?).....	India (?).....			2	N. J.
<i>Phyllachora graminis</i> (Fr.) Fekl.:					
Grass.....	Mexico.....	1			Tex.
<i>Phyllachora maydis</i> Maubl.:					
<i>Zea mays</i> (corn).....	Guatemala.....			1	Tex.
<i>Phyllosticta concava</i> Seaver:					
Cactus.....	Mexico.....	1			Tex.
<i>Phyllosticta hydrangeae</i> Ell. & Ev.:					
<i>Hydrangea</i> sp.....	do.....	1			Tex.
<i>Phyllosticta sorghina</i> Sacc.:					
<i>Sorghum vulgare</i> (sorghum).....	Guatemala.....	1			Tex.
<i>Phyllosticta tipuanae</i> Tassi:					
<i>Tipuana tipu</i> (tipu-tree).....	Uruguay.....			1	Calif. *
<i>Phymatotrichum omnivorum</i> (Shear) Dugg.:					
<i>Chrysanthemum</i> sp.....	Mexico.....	1			Tex.
Soil.....	do.....	1			Tex.
<i>Physalospora cattleyae</i> Maubl. & Lasnier:					
<i>Cattleya bowringiana</i> (orchid).....	Guatemala.....			1	Calif. *
Orchid.....	do.....			1	Tex.
<i>Physalospora obtusa</i> (Schw.) Cke.:					
<i>Rosa</i> sp.....	Mexico.....	1			Tex.
<i>Sambucus</i> sp.....	do.....	1			Pa.
<i>Sorbus</i> sp.....	Canada.....	1			Mass.
<i>Physalospora orchidearum</i> P. Henn.:					
<i>Stanhopea</i> sp. (orchid).....	Mexico.....			1	Calif. *
<i>Phytophthora ficis</i> (Cast.) Arth.:					
<i>Ficus indica</i> (fig).....	do.....		1		Tex.
<i>Phytophthora cactorum</i> (Leb. & Cohn) Schroet.:					
<i>Fragaria</i> sp. (strawberry).....	do.....	1			Tex.
<i>Phytophthora capsici</i> Leonian:					
<i>Capsicum frutescens</i> (pepper).....	do.....	2			Ariz.
<i>Lycopersicon esculentum</i> (tomato).....	do.....	9			Ariz., Tex.
<i>Phytophthora mexicana</i> Hotson & Hartge (?):					
<i>Lycopersicon esculentum</i> (tomato).....	do.....	1			Tex.
<i>Phytophthora parasitica</i> Dast.:					
<i>Lycopersicon esculentum</i> (tomato).....	do.....	119			Ariz., Tex.
<i>Solanum melongena</i> (eggplant).....	do.....	1			Ariz.
<i>Phytophthora phaseoli</i> Thaxt.:					
<i>Phaseolus</i> sp. (string bean).....	do.....	3			Tex.
<i>Pleospora ephedrae</i> Speg.:					
<i>Ephedra vulgaris</i>	India.....	1			N. Y.
<i>Pleospora lycopersici</i> El. & Em. Marchal:					
<i>Lycopersicon esculentum</i> (tomato).....	Chile.....		1		Calif. *
<i>Polyporus sanguineus</i> Fr.:					
Wood.....	Solomon Islands.....		1		Calif. *
<i>Polyporus versicolor</i> Fr.:					
Wood.....	do.....	1			Calif. *
<i>Pseudoperonospora cubensis</i> (Berk. & Curt.) Rostow.:					
<i>Curcubita maxima</i> (squash).....	Mexico.....	2			Tex.

List of pests (diseases) collected and reported from July 1, 1944, to June 30, 1945,
inclusive—Continued

Disease and host	Country of origin	Number of interceptions in—			Collected in—
		Consump- tion	Non-entry	Propaga- tion	
<i>Puccinia anomala</i> Rostr.:					
<i>Hordeum</i> sp.	France	1			Oreg.
<i>Puccinia antirrhini</i> Diet. & Hotw.:					
<i>Antirrhinum majus</i> (snapdragon)	Mexico	1			Tex.
<i>Puccinia chrysanthemi</i> Roze:					
<i>Chrysanthemum</i> sp.	do	3	1		Ariz., Tex.
<i>Puccinia coronata</i> Cda.:					
<i>Avena sativa</i> (oat)	England, soldier's mail	2			Pa.
<i>Puccinia glumarum</i> (Schm.) Eriks. & P. Henn.:					
<i>Secale cereale</i> (rye)	France	1			Oreg.
<i>Triticum aestivum</i> (wheat)	Soldier's mail	2			Mass., Mo.
<i>Puccinia pelargonii-zonalis</i> Doidge:					
<i>Pelargonium</i> sp.	Australia		1		N. J.
<i>Puccinia sorghi</i> Schw.:					
<i>Zea mays</i> (corn)	Bolivia, Guatemala, Mexico	3	1	2	Ariz., N. J., Tex
<i>Puccinia triannulata</i> (Berk. & Curt.) Jacks.:					
<i>Borrchia frutescens</i> (bushy sea oxeye)	Mexico	1			Tex.
<i>Ravenelia arizonica</i> Ell. & Ev.:					
<i>Prosopis</i> sp. (mesquite)	do		2		Tex.
<i>Rhizoctonia bataticola</i> (Taub.) Butl.:					
<i>Cucumis melo</i> (melon)	Chile	4			N. Y.
<i>Cucumis melo</i> var. honeydew	do	1			N. Y.
<i>Ipomoea batatas</i> (sweetpotato)	Algeria, Guatemala	1	1		N. J., N. Y.
<i>Schizophyllum commune</i> Fr.:					
<i>Prosopis</i> sp. (mesquite)	Mexico		1		Tex.
<i>Scirrhia bambusae</i> Ture.:					
Bamboo	Soldier's mail	3			Mass.
<i>Sclerotinia fructicola</i> (Wint.) Rehm:					
<i>Prunus domestica</i> (plum)	Mexico		1		Tex.
<i>Prunus persica</i> (peach)	do		1		Tex.
<i>Prunus persica nectarina</i> (nectarine)	do		1		Ariz.
<i>Sclerotinia fructigena</i> Aderh. & Rhul.:					
<i>Malus pumila</i> (apple)	Portugal		1		Pa.
<i>Sclerotinia gladioli</i> Drayt. (?):					
<i>Gladiolus</i> sp.	Mexico			1	Tex.
<i>Scolecotrichum graminis</i> Fekl.:					
<i>Bromus catharticus</i> (rescue brome)	Uruguay		1		D. C.
<i>Septoria avenae</i> Frank:					
<i>Avena sativa</i> (oat)	Soldier's mail	1			Tex.
<i>Septoria canadensis</i> Pk.:					
<i>Cornus canadensis</i> (dogwood)	British Columbia			1	Wash.
<i>Septoria citri</i> Pass.:					
<i>Citrus reticulata</i> (tangerine)	Algeria		1		Pa.
<i>Septoria dianthi</i> Desm.:					
<i>Dianthus</i> sp. (carnation)	Mexico	1			Tex.
<i>Septoria gaillardiae</i> Ell. & Ev.:					
<i>Gaillardia</i> sp.	do	1			Tex.
<i>Septoria nodorum</i> Berk.:					
<i>Triticum aestivum</i> (wheat)	England	1			Pa.
<i>Septoria oryzae</i> Catt.:					
<i>Oryza sativa</i> (rice)	India	1			Calif.*
<i>Septoria ribis</i> Desm.:					
<i>Ribes nigrum</i> (black currant)	Canada			1	N. J.
<i>Septoria tritici</i> Rob. ex Desm.:					
<i>Triticum aestivum</i> (wheat)	Australia, England, Italy	15			Calif.,* Mass., Pa.
<i>Sphacelotheca sorghi</i> (Lk.) Clint.:					
<i>Sorghum vulgare technicum</i> (broomcorn)	Mexico	2			Tex.
<i>Spaeropsis visci</i> (West.) Archer:					
Mistletoe	Soldier's mail	1			Ohio.
<i>Stachyliidium theobromae</i> Ture.:					
<i>Musa paradisiaca sapientum</i> (banana)	Azores, Bermuda	1	1		Md., N. Y.
<i>Stemphylium botryosum</i> Wallr.:					
<i>Allium cepa</i> (onion)	Azores, Portugal		2		Pa.
<i>Tilletia caries</i> (DC) Tul.:					
<i>Triticum aestivum</i> (wheat)	Australia, France (?), Mexico	126	1		Ariz., Calif., Tex., Wash.
<i>Tilletia foetida</i> (Wallr.) Liro:					
<i>Triticum aestivum</i> (wheat)	Australia, Mexico	1	1		Calif.,* Tex.

List of pests (diseases) collected and reported from July 1, 1944, to June 30, 1945, inclusive—Continued

Disease and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Non-entry	Propagation	
<i>Tilletia horrida</i> Tak.: <i>Oryza sativa</i> (rice).....	Soldier's mail.....	1			Pa.
<i>Trametes heteropora</i> Mont.: Wood.....	Solomon Islands.....	1			Calif.*
<i>Tranzschelia pruni-spinosae</i> (Pers.) Diet: <i>Prunus persica</i> (peach).....	Mexico.....	2	2		Tex.
<i>Tritirachium dependens</i> Lumber: <i>Oryza sativa</i> (rice).....	South Pacific.....	1			Md.
<i>Trochila ilicis</i> (Chev.) Crouan: <i>Ilex aquifolium</i> (English holly).....	British Columbia.....	1			Wash.
<i>Ucinula necator</i> (Schw.) Burr.: <i>Parthenocissus quinquefolia</i> (Virginia creeper).....	Mexico.....	1			Tex.
<i>Uredo oncidii</i> P. Henn.: <i>Oncidium cavendishianum</i> (orchid).....	Guatemala.....			3	Calif.*
<i>Urocystis tritici</i> Koern.: <i>Triticum aestivum</i> (wheat).....	Australia, Italy, soldier's mail.....	6			Calif.*, Mass., Pa.
<i>Uromyces fabae</i> (Pers.) D By.: <i>Lens</i> sp.....	Soldier's mail.....	1			Wash.
<i>Vicia</i> sp. (vetch).....	do.....	4			D. C., Mass., N. Y.
<i>Ustilago bullata</i> Berk.: <i>Bromus catharticus</i> (rescue brome).....	Uruguay.....			1	D. C.
<i>Ustilago hordei</i> (Pers.) Lagh.: <i>Hordeum vulgare</i> (barley).....	Australia, Egypt, Mexico.....	3			Ariz., Calif., N. Y.
<i>Ustilago kolleri</i> Wille: <i>Avena sativa</i> (oat).....	Soldier's mail.....	3			Pa.
<i>Ustilago tritici</i> (Pers.) Rostr.: <i>Triticum aestivum</i> (wheat).....	Australia, France (?), Italy, Tunisia, soldier's mail.....	7		1	Calif.*, D. C., Ga., Mo., Pa., Wash.
<i>Valsa salicina</i> Fr.: <i>Salix scouleriana</i> (?).....	British Columbia.....			1	Calif.*
<i>Valsella salicis</i> Fckl.: <i>Salix scouleriana</i> (?).....	do.....			1	Calif.*
<i>Vermicularia cacti</i> (Schw.) Starb.: Cactus.....	Mexico.....	1			Tex.
<i>Opuntia</i> sp. (pricklypear).....	do.....			1	Tex.
<i>Vermicularia dematium</i> (Pers.) Fr.: <i>Dianthus</i> sp. (carnation).....	England.....			1	Md.
<i>Polygala</i> sp.....	Canada.....			1	N. J.
<i>Vermicularia liliacearum</i> West.: <i>Iris germanica</i> var.....	Australia.....			1	Calif.*
<i>Volutella dianthi</i> Atk.: <i>Dianthus</i> sp. (carnation).....	Mexico.....	1			Tex.

Hosts and diseases

AGAVE: <i>Asterina agave</i> (Ascomycetes)	AVENA: <i>Puccinia coronata</i> (Promycetes)
ALLIUM CEPA: <i>Alternaria porri</i> (Deuteromycetes)	<i>Septoria avenae</i> (Deuteromycetes)
<i>Botrytis allii</i> (Deuteromycetes)	<i>Ustilago kolleri</i> (Promycetes)
<i>Fusarium mali</i> (Deuteromycetes)	BAMBOO: <i>Papularia vinosa</i> (Deuteromycetes)
<i>Heterosporium allii</i> (Deuteromycetes)	<i>Scirrhia bambusae</i> (Ascomycetes)
<i>Stemphylium botryosum</i> (Deuteromycetes)	BORRICHIA: <i>Puccinia triannulata</i> (Promycetes)
ALLIUM SATIVUM: <i>Ditylenchus dipsaci</i> (Nematoda)	BRASSICA OLERACEA CAPITATA: <i>Peronospora parasitica</i> (Phycomycetes)
AMARANTHUS: <i>Albugo bliti</i> (Phycomycetes)	<i>Phoma lingam</i> (Deuteromycetes)
ANTIRRHINUM: <i>Puccinia antirrhini</i> (Promycetes)	BROMUS: <i>Claviceps purpurea</i> (Ascomycetes)
ARACHIS: <i>Monilia sitophila</i> (Deuteromycetes)	<i>Fusarium heterosporum</i> (Deuteromycetes)
ARMERIA: <i>Cercospora staticis</i> (Deuteromycetes)	<i>Scolecotrichum graminis</i> (Deuteromycetes)
<i>Cercosporina insulana</i> (Deuteromycetes)	<i>Ustilago bullata</i> (Promycetes)
	BUXUS: <i>Macrophoma candollei</i> (Deuteromycetes)

Hosts and diseases—Continued

CACTACEAE:

- Asterina wrightii* (Ascomycetes)
- Eriosporium cactivorum* (Deuteromycetes)
- Phoma mamillariae* (Deuteromycetes)
- Phyllosticta concava* (Deuteromycetes)
- Vermicularia cacti* (Deuteromycetes)

CAMELLIA:

- Pestalotia guepini* (Deuteromycetes)

CAPSICUM:

- Cercospora capsici* (Deuteromycetes)
- Lethum australiense typicum* (Virus)
- Marmor tabaci vulgare* (Virus)
- Phytophthora capsici* (Phycomycetes)

CASIMIROA:

- Cercospora caleroides* (Deuteromycetes)

CASTANEA:

- Fusicoccum castaneum* (Deuteromycetes)

CATTLEA—See Orchidaceae

CELTIS:

- Cylindrosporium celtidis* (Deuteromycetes)

CHRYSANTHEMUM:

- Cylindrosporium chrysanthemi* (Deuteromycetes)
- Phymatotrimum omnivorum* (Deuteromycetes)
- Puccinia chrysanthemi* (Promycetes)

CITRUS LIMON:

- Elsinoe australis* (Ascomycetes)
- Phoma citricarpa* (Deuteromycetes)

CITRUS PARADISI:

- Bacterium citri* (Schizomycetes)
- Leptothyrium pomi* (Deuteromycetes)

CITRUS RETICULATA:

- Septoria citri* (Deuteromycetes)

CITRUS SINENSIS:

- Ascochyta citri* (?) (Deuteromycetes)
- Elsinoe australis* (Ascomycetes)
- Phoma citricarpa* (Deuteromycetes)

COCOS:

- Cytospora palmarum* (Deuteromycetes)
- Cytospora palmicola* (Deuteromycetes)
- Diplodia coccocarpa* var. *malaccensis* (Deuteromycetes)
- Pestalotia palmarum* (Deuteromycetes)

COFFEA:

- Cercospora coffeicola* (Deuteromycetes)

COLOCASIA:

- Aphelenchus bicaudatus* (Nematoda)

CORNUS:

- Septoria canadensis* (Deuteromycetes)

CUCUMIS MELO:

- Rhizoctonia bataticola* (Deuteromycetes)

CUCUMIS SATIVUS:

- Bacterium lachrymans* (Schizomycetes)
- Colletotrichum lagenarium* (Deuteromycetes)

CUCURBITA MAXIMA:

- Cladosporium cucumerinum* (?) (Deuteromycetes)
- Erysiphe cichoracearum* (Ascomycetes)
- Pseudoperonospora cubensis* (Phycomycetes)

CUCURBITA PEPO:

- Erysiphe cichoracearum* (Ascomycetes)
- Macrosporium peponicolum* (Deuteromycetes)

CYDONIA:

- Fabraea maculata* (Ascomycetes)

CYMBIDIUM—See Orchidaceae

CYNODON:

- Diplodina graminea* (Deuteromycetes)
- Phyllachora cynodontis* (Ascomycetes)

DAHLIA:

- Cytospora dahliae* (Deuteromycetes)

DAUCUS:

- Alternaria radicina* (Deuteromycetes)

DIANTHUS:

- Alternaria dianthi* (Deuteromycetes)
- Septoria dianthi* (Deuteromycetes)
- Vermicularia dematium* (Deuteromycetes)
- Volutella dianthi* (Deuteromycetes)

EPHEDRA:

- Pleospora ephedrae* (?) (Ascomycetes)

ERIOBOTRYA:

- Fabraea maculata* (Ascomycetes)
- Fusicladium eriotryae* (Deuteromycetes)

EUCHLAENA:

- Angiospora pallescens* (Promycetes)

FICUS:

- Physopella fici* (Promycetes)

FRAGARIA:

- Phytophthora cactorum* (Phycomycetes)

GAILLARDIA:

- Septoria gaillardiae* (Deuteromycetes)

GAULTHERIA:

- Cercospora gaultheriae* (Deuteromycetes)

GESNERIA:

- Heterodera marioni* (Nematoda)

GLADIOLUS:

- Facterium marginatum* (Schizomycetes)
- Fusarium orthoceras gladioli* (Deuteromycetes)
- Penicillium gladioli* (Deuteromycetes)
- Sclerotinia gladioli* (?) (Ascomycetes)

GOSSYPIMUM:

- Facterium malvacearum* (Schizomycetes)
- Cercospora althaeina* (Deuteromycetes)
- Glomerella gossypii* (Ascomycetes)

HORDEUM:

- Puccinia anomala* (Promycetes)
- Ustilago hordei* (Promycetes)

HYACINTHUS:

- Ditylenchus dipsaci* (Nematoda)

HYDRANGEA:

- Phyllosticta hydrangeae* (Deuteromycetes)

ILEX:

- Trochila ilicis* (Ascomycetes)

IPOMOEA:

- Ceratostomella fimbriata* (Ascomycetes)
- Monilochaetes infusans* (Deuteromycetes)
- Rhizoctonia bataticola* (Deuteromycetes)

IRIS:

- Ditylenchus dipsaci* (Nematoda)
- Penicillium corymbiferum* (?) (Deuteromycetes)
- Phoma pseudocori* (Deuteromycetes)
- Vermicularia liliacearum* (Deuteromycetes)

LAGENARIA:

- Colletotrichum lagenarium* (Deuteromycetes)

LENS:

- Uromyces fabae* (Promycetes)

LYCOPERSICON:

- Gonatotryps flava* (Deuteromycetes)
- Lethum australiense typicum* (Virus)
- Phytophthora capsici* (Phycomycetes)
- Phytophthora mexicana* (?) (Phycomycetes)
- Phytophthora parasitica* (Phycomycetes)
- Pleospora lycopersici* (Ascomycetes)

MALUS:

- Cytospora leucostoma* (Deuteromycetes)
- Elsinoe piri* (Ascomycetes)
- Sclerotinia fructigena* (Ascomycetes)

MAMMILLARIA—See Cactaceae

MISTLETOE:

- Sphaeropsis visci* (Deuteromycetes)

MORUS:

- Cercospora mori* (Deuteromycetes)

MUSA PARADISIACA SAPIENTUM:

- Cercospora musae* (Deuteromycetes)
- Macrospora musae* (Deuteromycetes)
- Nigrospora sphaerica* (Deuteromycetes)
- Stachylidium theobromae* (Deuteromycetes)

NARCISSUS:

- Botrytis narcissicola* (Deuteromycetes)
- Ditylenchus dipsaci* (Nematoda)

- Fusarium bulbigenum* (Deuteromycetes)

ODONTOGLOSSUM—See Orchidaceae

ONCIDIUM—See Orchidaceae

OPUNTIA—See Cactaceae

ORCHIDACEAE:

- Cercospora angrei* (Deuteromycetes)
- Colletotrichum cinctum* (Deuteromycetes)
- Colletotrichum macrosporum* (Deuteromycetes)
- Diplodia paraphysaria* (Deuteromycetes)
- Gloeosporium affine* (Deuteromycetes)
- Gloeosporium cattleyae* (Deuteromycetes)
- Gloeosporium cymbidii* (Deuteromycetes)
- Memoniella echinata* (Deuteromycetes)
- Phyalospora cattleyae* (Ascomycetes)
- Phyalospora orchidearum* (Ascomycetes)
- Uredo oncidii* (Promycetes)

ORYZA:

- Colletotrichum graminicolum* (Deuteromycetes)
- Helminthosporium oryzae* (Deuteromycetes)
- Melampsora albescentis* (Ascomycetes)
- Nigrospora oryzae* (Deuteromycetes)
- Nigrospora panizi* (?) (Deuteromycetes)

Hosts and diseases—Continued

ORYZA—Continued

- Phaeosphaeria oryzae* (Ascomycetes)
- Phoma glumarum* (Deuteromycetes)
- Septoria oryzae* (Deuteromycetes)
- Tilletia horrida* (Promycetes)
- Tritirachium dependens* (Deuteromycetes)

PARTHENOCISSUS:

- Uncinula necator* (Ascomycetes)

PASPALUM:

- Claviceps paspali* (Ascomycetes)

PELARGONIUM:

- Puccinia pelargonii-zonalis* (Promycetes)

PERSEA:

- Asterina delitescens* (Ascomycetes)

PHASEOLUS LIMENSIS:

- Diaporthe phaseolorum* (Ascomycetes)
- Isariopsis griseola* (Deuteromycetes)

PHASEOLUS SP. (string bean)

- Diaporthe phaseolorum* (Ascomycetes)
- Phytophthora phaseoli* (Phycomycetes)

PHORMIUM:

- Coniothyrium phormii* (Deuteromycetes)
- Goniosporium phormii* (Deuteromycetes)

PISUM:

- Ascochyta pisi* (Deuteromycetes)
- Bacterium pisi* (Schizomycetes)
- Cladosporium pisicolum* (Deuteromycetes)
- Cladosporium eignae* (Deuteromycetes)
- Colletotrichum pisi* (Deuteromycetes)

POLYGALA:

- Uromyces dematium* (Deuteromycetes)

PROSOPIIS:

- Uromyces leguminum* (Deuteromycetes)
- Ravenelia arizonica* (Promycetes)
- Schizophyllum commune* (Basidiomycetes)

PRUNUS DOMESTICA:

- Sclerotinia fructicola* (Ascomycetes)

PRUNUS PERSICA:

- Cladosporium carpophyllum* (Deuteromycetes)
- Sclerotinia fructicola* (Ascomycetes)
- Tranzschelia pruni-spinosae* (Promycetes)

PRUNUS PERSICA NECTARINA:

- Sclerotinia fructicola* (Ascomycetes)

PUNICA:

- Cercospora lythracearum* (Deuteromycetes)

PYRUS:

- Bacillus amylovorus* (Schizomycetes)

RHODODENDRON:

- Eozobasidium vaccinii* (Basidiomycetes)
- Pestalotia rhododendri* (Deuteromycetes)

RIBES:

- Septoria ribis* (Deuteromycetes)

ROSA:

- Hendersonia rosae* (?) (Deuteromycetes)
- Phylospora obtusa* (Ascomycetes)

SACCHARUM

- Cephalosporium sacchari* (?) (Deuteromycetes)
- Colletotrichum falcatum* (Deuteromycetes)
- Papularia vinosa* (Deuteromycetes)

SALIX:

- Diaporthe salicella* (Ascomycetes)
- Valsa salicina* (Ascomycetes)
- Valsella salicis* (Ascomycetes)

SAMBUCUS:

- Phylospora obtusa* (Ascomycetes)

SECALE:

- Puccinia glumarum* (Promycetes)

SECHUM:

- Cercospora sechii* (Deuteromycetes)
- Mycosphaerella citrullina* (Ascomycetes)

SOIL:

- Phymatotrichum omnivorum* (Deuteromycetes)

SOLANUM MELONGENA:

- Phytophthora parasitica* (Phycomycetes)

SOLANUM TUBEROSUM:

- Aphelenchoides parietinus* (Nematoda)
- Aphelenchus avenae* (Nematoda)
- Ditylenchus destructor* (Nematoda)

SORBUS:

- Phylospora obtusa* (Ascomycetes)

SORGHUM HALEPENSE:

- Cercospora sorghi* (Deuteromycetes)
- Colletotrichum lineola* (Deuteromycetes)
- Helminthosporium turcicum* (Deuteromycetes)

SORGHUM VULGARE:

- Colletotrichum graminicolum* (Deuteromycetes)
- Colletotrichum lineola* (Deuteromycetes)
- Phyllosticta sorghina* (Deuteromycetes)

SORGHUM VULGARE CAFFRORUM:

- Curvularia geniculata* (Deuteromycetes)
- Helminthosporium turcicum* (Deuteromycetes)

SORGHUM VULGARE TECHNICUM:

- Colletotrichum lineola* (Deuteromycetes)
- Sphaelotheca sorghi* (Promycetes)

SPINACIA:

- Heterosporium variable* (Deuteromycetes)

STANDHOPEA—See Orchidaceae

TAXUS:

- Phoma allostoma* (Deuteromycetes)

TIPUANIA:

- Phyllosticta tipuaniae* (Deuteromycetes)

TRITICUM:

- Ascochyta graminicola* (Deuteromycetes)
- Dilophospora graminis* (Deuteromycetes)
- Lepidosphaeria tritici* (Ascomycetes)
- Mycosphaerella tulasnei* (Ascomycetes)
- Phoma tophiostomoides* (Deuteromycetes)
- Puccinia glumarum* (Promycetes)
- Septoria nodorum* (Deuteromycetes)
- Septoria tritici* (Deuteromycetes)
- Tilletia caries* (Promycetes)
- Tilletia foetida* (Promycetes)
- Urocystis tritici* (Promycetes)
- Ustilago tritici* (Promycetes)

TULIPA:

- Botrytis tulipae* (Deuteromycetes)
- Papularia rubida* (Deuteromycetes)

VANDA—See Orchidaceae

VICIA:

- Eurotium herbariorum* (Ascomycetes)
- Hormodendron cladosporioides* (Deuteromycetes)
- Uromyces fabae* (Promycetes)

ZEA:

- Basisporium gallarum* (Deuteromycetes)
- Diplodia zeae* (Deuteromycetes)
- Nigrospora sphaerica* (Deuteromycetes)
- Phyllachora maydis* (Ascomycetes)
- Puccinia sorghi* (Promycetes)

Hosts unknown

FLOWER:

- Pellicularia filamentosa* (Basidiomycetes)

GRASS:

- Phyllachora graminis* (Ascomycetes)

PALM:

- Pestalotia palmarum* (Deuteromycetes)

WOOD:

- Polyporus sanguineus* (Basidiomycetes)
- Polyporus versicolor* (Basidiomycetes)
- Trametes heteropora* (Basidiomycetes)

Countries of origin and diseases

ALGERIA:

- Cladosporium carpophyllum*
- Rhizoctonia bataticola*
- Septoria citri*

ARGENTINA:

- Botrytis allii*

AUSTRALIA:

- Ascochyta citri* (?)
- Ascochyta graminicola*
- Bacterium citri*
- Botrytis allii*
- Coniothyrium phormii*

Countries of origin and diseases—Continued

AUSTRALIA—Continued

Cytospora dahliae
Gloeosporium phormii
Phoma citricarpa
Phoma lophiostomoides
Puccinia pelargonii-zonalis
Septoria tritici
Tilletia caries
Tilletia foetida
Urocystis tritici
Ustilago hordei
Ustilago tritici
Vermicularia liliacearum

AZORES:

Aphelenchus bicaudatus
Exobasidium vaccinii
Stachylidium theobromae
Stemphylium botryosum

BELGIUM:

Exobasidium vaccinii

BERMUDA:

Stachylidium theobromae

BOLIVIA:

Puccinia sorghi

BRAZIL:

Diplodia paraphysaria
Elsinoe australis
Phoma glumarum

BRITISH COLUMBIA:

Diaporthe salicella
Ditylenchus dipsaci
Septoria canadensis
Trochila ilicis
Valsa salicina
Valsella salicis

CANADA:

Cytospora leucostoma
Penicillium gladioli
Peronospora parasitica
Physalospora obtusa
Septoria ribis
Vermicularia dematium

CANAL ZONE:

Cercospora musae
Diplodia paraphysaria
Mycosphaerella citrullina

CAROLINE ISLANDS:

Diplodia coccocarpa var. *malaccensis*

CHILE:

Pleospora lycopersici
Rhizoctonia bataticola

CHINA:

Metasphaeria albenscens

COLOMBIA:

Gloeosporium cattleyae

COSTA RICA:

Colletotrichum cinctum
Leptothyrium pomi

CUBA:

Cercospora musae
Cladosporium vignae
Colletotrichum falcatum
Colletotrichum lagenarium
Diaporthe phaseolorum
Glomerella gossypii
Mycosphaerella citrullina

EGYPT:

Ustilago hordei

ENGLAND:

Botrytis narcissicola
Botrytis tulipae
Cercospora angreci
Ditylenchus destructor
Ditylenchus dipsaci
Hendersonia rosae (?)
Heterodera marioni
Papulaspora rubida
Pestalotia rhododendri
Phoma allostoma
Puccinia coronata
Septoria nodorum
Septoria tritici
Vermicularia dematium

ETHIOPIA:

Diplodina graminea
Phyllachora cynodontis

FRANCE:

Elsinoe piri
Puccinia anomala
Puccinia glumarum
Tilletia caries
Ustilago tritici

GUATEMALA:

Angiopsora pallescens
Cercospora coffeicola
Cercospora musae
Cercospora staticis
Colletotrichum graminicolum
Diplodia zeae
Gloeosporium affine
Gloeosporium cattleyae
Nigrospora sphaerica
Phyllachora maydis
Phyllosticta sorghina
Physalospora cattleyae
Puccinia sorghi
Rhizoctonia bataticola
Uredo oncidii

INDIA:

Colletotrichum graminicolum
Gloeosporium cymbidii
Macrophoma musae
Phaeosphaeria oryzae
Phyllachora cynodontis
Pleospora ephedrae (?)
Septoria oryzae

IRELAND:

Botrytis narcissicola
Fusarium bulbigenum
Pestalotia guepini

ITALY:

Aphelenchus avenae
Fusicoccum castaneum
Mycosphaerella tulasnei
Septoria tritici
Urocystis tritici
Ustilago tritici

MEXICO:

Albugo biti
Alternaria porri
Alternaria radicina
Ascochyta pisi
Asterina agave
Asterina delitescens
Asterina wrightii
Bacillus amylovorus
Bacterium lachrymans
Bacterium malspicearum
Bacterium marginatum
Bacterium pisi
Basisporium gallarum
Botrytis allii
Ceratostomella fimbriata
Cercospora althaeina
Cercospora caleroides
Cercospora capsici
Cercospora gaultheriae
Cercospora lythracearum
Cercospora mori
Cercospora musae
Cercospora sorghi
Cercospora insulana
Cladosporium cucumerinum (?)
Colletotrichum falcatum
Colletotrichum lagenarium (?)
Colletotrichum lineola
Colletotrichum pisi
Cylindrosporium cellidis
Cylindrosporium chrysanthemi
Diaporthe phaseolorum
Ditylenchus dipsaci
Erysiphe cichoracearum
Exosporium cactivorum
Fabraea maculata
Fusarium mali
Fusarium orthoceras gladioli
Gloeosporium leguminum

Countries of origin and diseases—Continued

MEXICO—Continued

Gonatobotrys flava
Helminthosporium turcicum
Heterosporium allii
Heterosporium variable
Isariopsis griseola
Lethum australiense typicum
Marmor tabaci vulgare
Monilia sitophila
Monilochaetes infuscans
Myrothecium roridum
Nigrospora sphaerica
Papularia vinosa
Pellicularia filamentosa
Penicillium gladioli
Phoma lingam
Phoma mamillariae
Phyllachora graminis
Phyllosticta concava
Phyllosticta hydrangeae
Phymatorichum omnivorum
Physalospora obtusa
Physalospora orchidearum
Physopella fici
Phytophthora cactorum
Phytophthora capsici
Phytophthora mexicana (?)
Phytophthora parasitica
Phytophthora phaseoli
Pseudoperonospora cubensis
Puccinia antirrhini
Puccinia chrysanthemi
Puccinia sorghi
Puccinia triannulata
Ravenelia arizonica
Schizophyllum commune
Sclerotinia fructicola
Sclerotinia gladioli (?)
Septoria dianthi
Septoria gaillardiae
Sphaelotheca sorghi
Tilletia caries
Tilletia foetida
Tranzschelia pruni-spinosae
Ucinuta necator
Ustilago hordei
Vermicularia cacti
Volutella dianthi

MOZAMBIQUE:

Pestalotia palmarum

NEW HEBRIDES:

Colletotrichum macrosporum

NEW ZEALAND:

Penicillium corymbiferum (?)

Phoma pseudacori

OCEANIA:

Pestalotia palmarum

PANAMA:

Cercospora musae

PORTUGAL:

Ascochyta pisi

Cladosporium pisicolum

Fusicladium eriobotryae

Sclerotinia fructigena

Stemphylium botryosum

PUERTO RICO:

Cercospora musae

Pestalotia palmarum

SAIPAN:

Curularia geniculata

Helminthosporium turcicum

SOLOMON ISLANDS:

Polyporus sanguineus

Polyporus versicolor

Trametes heteropora

SOUTH PACIFIC:

Cytospora palmicola

Diplodia coccoearpa var. *malaccensis*

Tritirachium dependens

SPAIN:

Hormodendron cladosporioides

SWEDEN:

Aphelenchoides parietinus

TRINIDAD:

Cephalosporium sacchari (?)

Cercospora sechii

Mycosphaerella citrullina

TUNISIA:

Dilophospora graminis (?)

Ustilago tritici

UNION OF SOUTH AFRICA:

Claviceps paspali

Macrosporium peponicolum

UNKNOWN:

Cytospora palmarum

Cytospora palmicola

Diplodia coccoearpa var. *malaccensis*

Eurotium herbariorum

Fusarium orthoceras var. *gladioli*

Helminthosporium oryzae

Leptosphaeria tritici

Nigrospora oryzae

Nigrospora panici

Penicillium gladioli

Puccinia coronata

Puccinia glumarum

Scirrhia bambusae

Septoria avenae

Sphaeropsis visci

Tilletia horrida

Urocystis tritici

Uromyces fabae

Ustilago kolleri

Ustilago tritici

URUGUAY:

Claviceps purpurea

Elstnoe australis

Fusarium heterosporum

Phyllosticta tipuanae

Scolecotrichum graminis

Ustilago bullata

VENEZUELA:

Alternaria dianthi

Memmoniella echinata

WALES:

Botrytis narcissicola

Ditylenchus dipsaci

Macrophoma candollei



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AGRICULTURAL RESEARCH ADMINISTRATION
BUREAU OF ENTOMOLOGY AND PLANT QUARANTINE
SERVICE AND REGULATORY ANNOUNCEMENTSLIST OF INTERCEPTED PLANT PESTS, 1946¹

(List of Pests Recorded During the Period July 1, 1945 to June 30, 1946, Inclusive, as Intercepted in, on, or with Plants and Plant Products Entering United States Territory)

INTRODUCTION

This report, covering the thirty-third year for which interception lists have been issued, summarizes the records of insect pests and plant pathogens found in, on, or with plants and plant products (1) imported, (2) offered for but refused entry, (3) held as ships' stores, etc., and hence not offered for entry through customs, (4) offered for entry for immediate export or for immediate transportation and exportation in bond, and (5) in domestic shipments between Hawaii and Puerto Rico and the mainland.

In some cases collections made late in the year are included in the report for the following year, since determinations cannot be obtained immediately for all of them. Occasionally determinations are delayed for longer periods. The data for this list are obtained from routine reports by personnel of this Bureau, supplemented by information supplied by State and Customs officials. The States of California and Florida maintain staffs of specialists who determine a large proportion of the material collected at their ports. Specialists of the Bureau of Plant Industry, Soils, and Agricultural Engineering determine many of the difficult or unusual pathogens collected at the ports.

All scientific names are reviewed by appropriate specialists in the Department to see that they conform to the international rules of nomenclature.

While every reasonable effort is made to give the correct origin for all collections listed, the alleged origin of plant materials cannot be verified in all cases; and doubtful items are either omitted or the origin is listed as unknown. In that connection it should be pointed out that facts coming to attention since publication of the List of Intercepted Plant Pests for 1945 indicate that the citrus canker, reported from Australia, originated in some other citrus-growing region of the world.

The end of hostilities in Asia and the return home of many persons in military service during the year, tended to reduce the number of interceptions in service mail and baggage.

Aircraft arrivals during the year showed an increase, both because of the return of many military craft and the resumption of commercial air transport activities, but cooperation of air lines and service personnel in the enforcement of plant quarantine regulations kept the transportation of potentially dangerous plant material at a relatively low point.

INTERCEPTIONS FROM AIR-BORNE MATERIAL

Mail, baggage, express, and some freight arrive by airplane. Interceptions under those various categories have been frequent. Of the 3,314 recorded insect interceptions taken on air-borne material, 978 were from baggage, 1,072 from

¹ Compiled by W. H. Wheeler, "pathologist," Judith Hunt, scientific aid, and E. P. Reagan, entomologist, Division of Foreign Plant Quarantines.

cargo, 25 from mail, 1,202 from quarters, and 37 from stores. Of the 236 plant disease interceptions, 77 were from baggage, 41 from express, 24 from cargo, 86 from mail, and 8 from quarters and stores. Approximately two-thirds of the plant disease organisms were not determined to species and, from the evidence, appeared to represent little or no risk to this country. A few of the disease organisms specifically determined but not recorded in the United States are, however, known to be important parasites of their hosts in foreign countries. These totals for plant disease interceptions, while not large, serve to illustrate the disease-carrying possibilities of plant materials brought to this country by air transportation.

Among the insects found in air-borne material were: The whitefly *Aleurothrixus myrtacei* on Cape-jasmine leaf in baggage from Guatemala and Mexico; the Mexican fruitfly (*Anastrepha ludens*) in orange in baggage from Guatemala, in orange in stores, and in mango, sapote, and sweet lime in baggage from Mexico; the West Indian fruitfly (*A. mombinpraeoptans*) in mango and *Spondias* sp. in baggage from Guatemala, in guava and mango in baggage from Puerto Rico, in mango in baggage from the American Virgin Islands, Cuba, Dominican Republic, Haiti, Jamaica, Mexico, Salvador, and the Virgin Islands, and in yellow mombin in baggage from Nicaragua; *A. mombinpraeoptans* (?) in yellow mombin in baggage from Salvador, and in mango in baggage from Guatemala, Honduras, and Nicaragua; *A. serpentina* in mamey and sapodilla in baggage from Nicaragua, and in sapodilla in baggage from Venezuela; *A. striata* (?) in guava in baggage from Honduras; *A. suspensa* in guava in quarters from the Dominican Republic, and in guava in baggage from Puerto Rico; the Mediterranean fruitfly (*Ceratitis capitata*) in avocado in stores from Hawaii, and a pupa of *Ceratitis* sp., probably *capitata*, on paper packing of grapes in baggage from the Azores; *Cylas formicarius elegantulus* in sweetpotato in baggage from Cuba, Jamaica, and Puerto Rico; the olive fly (*Dacus oleae*) in ripe olives in baggage from Italy, and processed olives in stores from Mexico; the East Indian bean pod borer (*Maruca testulalis*) in pigeonpea in baggage from Puerto Rico; the pink bollworm (*Pectinophora gossypiella*) in cotton and cotton boll in baggage from the Bahamas, in cottonseed in cargo from Brazil, and in baggage from Cuba and Egypt; also in seed cotton in service mail origin unknown, and in okra in baggage from Puerto Rico; the apple maggot (*Rhagoletis pomonella*) (?) in apple in quarters from Mexico.

The more important plant disease organisms found on air-borne material, hitherto not believed to be in the United States, were *Cercospora primulae* on primrose in baggage from France, *Colletotrichum cajani* on pigeonpeas in baggage from the Dominican Republic and Puerto Rico, *Elsinoe phaseoli* on lima beans in baggage and cargo from Puerto Rico and the Virgin Islands, *Macrophoma oleandri* on oleander in baggage from Bermuda, *Phoma camelliae* on camellia in baggage from Switzerland, *Phyllosticta euphorbiaecola* on poinsettia in baggage from Mexico, *P. laeliae* on *Cattleya* orchid in express from Colombia, *Phyllosticta* sp. on oleander in baggage from the Virgin Islands, *Puccinia buxi* on boxwood in baggage from France, *Ramularia* sp. on lettuce in cargo from Cuba, *Uredo guacae* on orchid from Costa Rica, and *Valsa chlorina* on coconut from Guam.

NOTES ON INSECTS INTERCEPTED

FRUITFLIES

Anastrepha fraterculus was intercepted in grapefruit from Brazil and *A. fraterculus* (?) in orange from Brazil. The Mexican fruitfly (*A. ludens*) was taken in orange from Guatemala and Mexico, in mango from Mexico and Nicaragua, and in apple, avocado, grapefruit, guava, peach, pear, pomegranate, quince, sapote, sour orange, sweet lime, and white sapote from Mexico. Three pupae of *A. ludens* were found in an empty railway car from Mexico which had been carrying mangoes. The West Indian fruitfly (*A. mombinpraeoptans*) was intercepted in cashew and mango from Puerto Rico, and in mango from the American Virgin Islands, Cuba, Dominican Republic, Guatemala, Haiti, Jamaica, Mexico, Nicaragua, Salvador, and Virgin Islands, and *A. mombinpraeoptans* (?) in *Spondias mombin* from Mexico and Salvador. *A. serpentina* was intercepted in mamey from Mexico and Nicaragua, and in sapodilla from Nicaragua and Venezuela. *A. striata* was taken in guava from Honduras. *A. suspensa* was found in guava from the Dominican Republic and Puerto Rico. The Mediterranean fruitfly (*Ceratitis capitata*) was intercepted in avocado, sweet lime, and tomato from Hawaii; in grapefruit from India, Palestine (?), Spanish Morocco, Spain, Turkey (by purchase), Union of South Africa, and Uruguay; in lemon from Mozambique,

loquat from Algeria, orange from Algeria, Portugal and Spain, surinam cherry from Bermuda, and tangerine from Italy; and an adult was intercepted on an airplane from the South Pacific area. The melon fly (*Dacus cucurbitae*) was intercepted in avocado, cucumber, papaya, pepper, squash, and string bean from Hawaii. *D. dorsalis* (?) was taken in mango from Hawaii. The olive fly (*D. oleae*) was found in ripe olives from Italy and processed olives in stores of an airplane from Mexico. The apple maggot (*Rhagoletis pomonella*) was intercepted in *Crataegus* sp. and *R. pomonella* (?) in apple from Mexico. *R. striatella* was taken in husk tomato from Mexico.

INSECTS OTHER THAN FRUITFLIES

Aceria tulipae, an unusual species of the Eriophyid mite, was found on garlic from Mexico. The citrus blackfly (*Aleurocanthus woglumi*) was intercepted on mango and sour lime leaves from Mexico. *Aleurothrixus myrtacei* was taken on Cape-jasmine leaves from Guatemala and Mexico. *Aspidiotus corticis-pini* (Coccidae) was found on five-leaved pine from Japan. *Baris laticollis* (Curculionidae) was found in kale from the Azores and in turnip from England. Vetch from the Azores, Holland, and Portugal was infested with the bruchid (*Bruchus luteicornis*). The Asiatic rice borer (*Chilo simplex*) was taken in rice straw from China. *Cylas formicarius formicarius* was intercepted in sweetpotato, for use as animal feed, from India. The Tahitian coconut weevil (*Diocalandra tailensis*) was taken in coconut husk from Hawaii. *Epicaerus cognatus* (Curculionidae) was taken in potato from Mexico. *Gnorimoschema plaesiosema* (Gelechiidae) was found in potato from Chile. *Haplothrips cottei* was intercepted on carnation from Greece. *Leucinodes elegantalis* was taken in tomato from Mexico. *Myzus duffieldii* (Aphidae) was found on crocus bulb from the Netherlands. The pink bollworm (*Pectinophora gossypiella*) was intercepted in cottonseed from Brazil, China (?), Cuba, Egypt, Hawaii, Mexico, and in service mail, origin unknown; also in seed cotton from Mexico and in service mail, origin unknown; cotton boll from the Bahamas and Hawaii; cotton lint and gin notes from Argentina; and okra from Panama and Puerto Rico. *Parlatoria citri* (Coccidae) was found on pomelo from the Malay States and lime from New Guinea. The curculionid, *Phyllobius pyri*, was taken in roots of quack grass from Belgium. *Sinoxylon sexdentatum* (Bostrichidae), a European species introduced into the Mediterranean region, was taken from poles of an unidentified wood from Portugal. The West Indian sweetpotato weevil (*Euscepes postfasciatus*) was intercepted in sweetpotato from Brazil, Hawaii, Panama, Puerto Rico, and Venezuela.

NOTES ON PLANT DISEASES INTERCEPTED

The interception of a potato tuber smut (*Thecaphora solani*) on tubers of *Solanum stoloniferum* arriving from Mexico in baggage, considerably extends the northern range of this potentially serious potato disease, formerly reported only from northern South America. Also of real importance are several interceptions of citrus canker (*Xanthomonas citri*) on sour limes from Ceylon, India, Kenya, and the Philippines; on grapefruit from Ceylon and India; and on sweet orange from India. It is interesting to note that interceptions for the year from Ceylon and India exceeded the total of all such interceptions from those localities for all the former years during which records have been kept. Other diseases worthy of note were citrus black spot (*Phoma citricarpa*) on lemon and sweet orange from Australia; sweet orange scab (*Elsinoe australis*) on sour lime, lemon, and sweet orange from Argentina, Brazil, and Uruguay; spot anthracnose (*Elsinoe piri*) on apple from Spain; Dutch elm disease (*Ceratostomella ulmi*) on elm wood from England; a coffee leaf spot (*Cercospora herrerana*) on a coffee plant from Mexico; a rust disease of orchids (*Hemileia ocellidis*) from Brazil; a leaf spot (*Leptosphaeria zaleae*) of rhododendron from England; a leaf spot (*Mycosphaerella hondai*) of rice from Japan; a kernel smut (*Neovossia horrida*) of rice in soldier's mail from an unknown foreign source; a leaf blight (*Phyllosticta miurai*) of rice of uncertain origin but known to be from the Orient; and a rust disease (*Uredo anthuri*) of *Anthurium* from Guatemala.

Of the 373 species of pathogens or other organisms listed in the table, 56 were new to the interception files. Interceptions of the other 317 pathogens showed 37 new countries of origin and 82 new hosts. A fruit rot of tomatoes arriving from Mexico during the year has been described as new, under the name *Helminthosporium carposaprum*.

COMMON PESTS INTERCEPTED

During the course of inspection for pests new to or not widely distributed in this country cosmopolitan forms are found in large numbers. Some of these findings have been customarily recorded through the years to indicate the pest-carrying possibilities and condition of material offered for entry. The identification of such cosmopolitan organisms has also served to make sure new pests resembling common pests are not being overlooked. Such records as were made are summarized here. The first number following the name of a pest indicates the number of countries of origin, and the second, the total number of interceptions that were recorded during the year.

INSECTS

Insects intercepted 10 or more times, and recorded, included *Acanthoscelides obtectus* (10-30), *Ahasverus advena* (21-60), *Anthonomus eugenii* (2-1,569), *Aonidiella aurantii* (13-69), *Aphis gossypii* (8-15), *Araecerus fasciculatus* (16-33), *Aspidiotus cyanophylli* (8-22), *A. hederæ* (8-20), *A. lataniae* (21-83), *Carpocapsa pomonella* (7-177), *Cerataphis lataniae* (9-122), *Chrysomphalus aonidum* (24-111), *C. dictyospermi* (20-88), *Coccus acuminatus* (11-73), *C. hesperidum* (12-37), *Diaspis boisduvalii* (22-554), *D. bromeliae* (3-148), *Ephestia cautella* (8-12), *Etiella zinckenella* (4-27), *Gnorimoschema operculella* (11-44), *Heliothis armigera* (12-7,093), *H. virescens* (4-128), *Howardia biclavus* (9-23), *Keiferia lycopersicella* (3-5,462), *Laphygma exigua* (1-107), *L. frugiperda* (2-294), *Lasioderma serricornu* (12-36), *Lepidosaphes beekii* (42-305), *L. gloverii* (13-46), *Lorita abornana chatke* (1-38), *Macrosiphum luteum* (7-60), *Myzus persicae* (8-21), *M. porosus* (10-24), *Murgantia histrionica* (1-109), *Necrobia rufipes* (11-28), *Oryzaephilus surinamensis* (19-47), *Parlatoria pergandii* (20-71), *P. proteus* (7-21), *Pinnaspis aspidistrae* (5-13), *P. minor* (5-23), *Plodia interpunctella* (11-36), *Plutella maculipennis* (8-80), *Pseudococcus adonidum* (19-86), *P. brevipes* (10-150), *P. citri* (9-24), *P. maritimus* (5-11), *Pseudoparlatoria parlatorioidea* (8-35), *Rhizoglyphus echinopus* (24-154), *Rhizopertha dominica* (7-19), *Saissetia hemisphaerica* (22-129), *S. nigra* (6-11), *S. oleae* (8-34), *Selenaspidus articulatus* (16-77), *Sitophilus oryzae* (26-62), *Stegobium paniceum* (8-10), *Sterictiphora zabriskiei* (1-828), *Tenebroides mauritanicus* (11-19), *Thrips tabaci* (8-30), *Tribolium castaneum* (20-40), *Typhaea stercorea* (15-43).

In addition, there were 1,852 interceptions belonging to 659 species which were not deemed to be of sufficient importance from the plant-quarantine viewpoint to warrant listing by species. The number of interceptions of more or less cosmopolitan species totaled 21,139.

DISEASES

Common plant pathogens reported 10 or more times during the year included *Actinomyces scabies* (14-154), *Alternaria porri* (1-36), *A. solani* (2-31), *A. tomatum* (2-1,009), *Aplanobacter michiganense* (1-12), *Aspergillus niger* (13-311), *Bacterium marginatum* (8-349), *B. vesicatorium* (2-2,099), *Botrytis allii* (2-17), *B. cinerea* (8-18), *B. narcissicola* (5-42), *B. tulipae* (1-10), *Cercospora beticola* (1-14), *C. rosicola* (5-63), *Cladosporium fulvum* (3-56), *Colletotrichum circinans* (1-428), *C. gloeosporioides* (11-137), *C. lindemuthianum* (4-15), *C. orchidearum* (12-95), *C. phomoides* (2-15), *Cylindrosporium chrysanthemi* (1-61), *Diaporthe citri* (19-55), *Diplocarpon rosae* (2-19), *Diplodia natalensis* (18-65), *Endoconidiophora paradoxa* (7-74), *Erwinia caratovora* (5-42), *Erysiphe polygoni* (1-22), *Fusarium solani* (1-54), *Gloeosporium limetticolum* (7-42), *Helminthosporium allii* (4-1,198), *Heterodera marioni* (9-18), *Heterosporium echinulatum* (6-48), *Lethum australiens typicum* (1-249), *Marmor tabaci vulgare* (1-401), *Oospora citri-aurantii* (3-24), *O. lactis parasitica* (1-30), *Pellicularia filamentosa* (5-450), *Penicillium digitatum* (1-78), *P. expansum* (9-19), *P. gladioli* (3-70), *P. italicum* (8-26), *Phoma destructiva* (5-73), *Phytophthora parasitica* (2-39), *Puccinia chrysanthemi* (1-34), *P. graminis* (19-123), *P. rubigo-vera* (12-29), *Pythium debaryanum* (1-31), *Rhizopus nigricans* (15-1,456), *Sclerotinia sclerotiorum* (6-18), *Sclerotium oryzae* (4-39), *Septoria gladioli* (3-156), *Sphaceloma fawcettii* (18-66), *Sphaerotheca pannosa* (3-20), *Spondylocladium atrovirens* (6-11), *Stromatinia gladioli* (5-112), *Tilletia cariei* (1-57), *Trichothecium roseum* (9-46), *Uromyces caryophyllinus* (3-31), *Venturia inaequalis* (17-49), *Verticillium cinnabarinum* (10-33).

Interceptions of 80 other common pathogens totaled 219, making 10,598 interceptions of common diseases recorded during the year.

INCOMPLETELY DETERMINED PESTS

Frequently inspectors find insects or pathogens affecting plant material, in such a stage or condition that complete and accurate determination is impracticable or impossible. Some of these insects and pathogens are without doubt new to science, and may be destructive pests. The notes below are given to show the general nature of such incompletely determined interceptions.

INSECTS

Among the incompletely determined insects intercepted were the following: *Anastrepha* sp., probably *fraterculus*, taken at New York in grapefruit in stores from Argentina, and at New York and Philadelphia in orange in stores from Brazil; *Anastrepha* sp., probably *ludens*, taken at Eagle Pass in mango in baggage from Mexico, at El Paso in orange in baggage from Mexico, and at Brownsville in sapote in quarters from Mexico; *Anastrepha* sp., probably *mombinpraeopians*, at El Paso in mango in baggage from Nicaragua and Salvador, at New Orleans in mango in baggage from Guatemala, and in mango in quarters from Mexico, at New York in mango in mail from Puerto Rico, at Philadelphia in mango in baggage from Puerto Rico, at New Orleans in yellow mombin in baggage from Salvador, and at El Paso in yellow mombin in baggage from Mexico; *Anastrepha* sp., probably *serpentina*, at Laredo in mamey in baggage from Mexico; *Anastrepha* sp. at Baltimore, Galveston, New Orleans, New York, and Philadelphia in oranges in stores from Brazil, at Miami in cactus in baggage from Colombia, in *Castilla elastica* in baggage from Nicaragua, in cherimoya in baggage from Ecuador, in *Couma macrocarpa* in baggage from Brazil, in rose apple in baggage from Cuba, in mango in baggage from Salvador, in sapodilla in baggage from Cuba, and in quarters from Venezuela, at Norfolk in mango in stores from Panama, at New Orleans in orange in quarters from Brazil, and in plum in baggage from Nicaragua, and at New York in orange in stores from Argentina; apparently *Anastrepha* sp. at Miami in apple in baggage from Colombia; *Ceratitis* sp., probably *capitata*, at Baltimore in orange in stores from Portugal, at Newport News in tangerine in stores from Spain, at New York in loquat in baggage from Algeria, and with paper packing of grapes in baggage from the Azores; *Dacus* sp., probably *oleae*, at San Antonio in processed olives in stores from Mexico; *Dacus* sp. at San Francisco in eggplant in stores from Straits Settlements; and probably *Dacus* sp. at Boston in squash in stores from Queensland and South Africa; *Rhagoletis* sp. at Laredo in *Crataegus* sp. and green walnut in baggage from Mexico, at Douglas in black walnut in quarters from Mexico, at El Paso in black walnut, wild currant, and *Lycium torreyi* in baggage from Mexico, at Miami in apple in quarters from Brazil, and at Brownsville in apple in baggage from Mexico.

The following miscellaneous insects of special interest were intercepted: *Acanthoscelides* sp., near *stylifer* (Sharp), was taken at Brownsville in the cabin of an airplane from Mexico; *Aleuroplatus* sp., close to *berbericolus* Q. & B. (Aleyrodidae), at Laredo on *Mahonia trifoliolata* in mail from Mexico; two apparently undescribed aleyrodids (*Aleurocanthus* sp.) at San Diego on unknown leaf and twig in baggage from Australia, and (*Aleurotrachelus* sp.) at San Francisco on *Anthurium* sp. in express from Guatemala and at Laredo on *Laelia anceps* from Mexico; an undescribed aleyrodid (*Aleurocerus* sp.) at San Francisco on *Epidendrum cochleatum* in cargo from Guatemala; *Allocoerhynus* sp. (Curculionidae) at Hidalgo on cycad plant in baggage from Mexico; *Amphimallon* sp., apparently *majalis* (Razoumowsky) (Scarabaeidae), at Galveston in ballast from Italy; *Baris* sp., near *cuprirostris* (F.) (Curculionidae) at Philadelphia in kale in stores from the Azores; *Cligenes* n. sp. (Lygaeidae) at Seattle on *Cattleya* sp. in express from Venezuela; *Coptotermes* sp. (Rhinotermitidae), a very destructive termite, at Boston in African mahogany log in cargo from the Gold Coast, at Hoboken on *Cattleya* sp. in cargo from Venezuela, and at New York in *Jacaranda* sp. log in cargo from the Gold Coast; *Cryptoblades* sp., probably *gnidiella* (Mill.) (Phycitidae), at New York in date in baggage from Palestine; *Decapheidole* sp. (Formicidae), a very rare ant, at San Francisco on *Cattleya* sp. in express from Colombia; *Grapholitha* sp., probably *packardi* Zell. (Olethreutidae), at El Paso in quince in baggage from Mexico; *Leucinodes* sp., probably *obornalis* Gn. (Pyraustidae), at Charleston in eggplant in stores from Ceylon, and at San Francisco in eggplant in stores from the Straits Settlements; an undescribed species of *Paraleurolobus* sp. (Aleyrodidae) at El Paso on palm in baggage from Mexico; an undescribed species of *Phenacoccus* sp. (Coccidae) at Hoboken on succulent plant in mail from

Mexico; *Pineus* sp. (Chermidae), apparently different from any species known in North America, at San Diego and San Francisco on pine in baggage from Japan; an undescribed species of *Platylecanium* sp. (Coccidae) at San Francisco on orchid in mail from New Guinea; *Rhyssomatus* sp. (Curculionidae) at Galveston in sweetpotato in stores from Panama, at Mobile in sweetpotato in stores from the Canal Zone, and at New Orleans in *Pithecellobium arboreum* in mail from British Honduras; probably an unnamed species of *Xanthomia* sp. (Chrysomelidae) at Laredo on orchid plant in baggage from Mexico.

There were 4,989 interceptions, distributed among 855 genera, which could be identified to genus only. A total of 883 could be determined to family only.

A total of 5,872 incompletely determined insects were intercepted during the year.

DISEASES

Among the incompletely determined plant disease organisms collected from incoming material during the year were *Ceratostomella* sp. on narcissus bulb from England, Ireland, Luxemburg, and the Netherlands; *Cercospora* sp. on string bean from Belgium; *Colletotrichum*, possibly *anthurii*, on anthurium from Guatemala; *Coniothyrium* sp. on rice straw from Japan; *Helminthosporium* sp. on husk tomato from Mexico; *Macrophoma* sp. on mesquite pods from Mexico; *Pestalotia* sp. on avocado and guava from Mexico; *Phoma* sp. on lemon from Argentina and Chile; *Phoma* sp. on sweet orange from China and Turkey; *Phoma* sp. on avocado from Brazil and Mexico; *Phyllosticta* sp. on gladiolus from Mexico; *Phyllosticta* sp. on rice from China; *Phyllosticta* sp. on wheat from France; *Phytophthora* sp. on lemon from Australia; *Pleospora* sp. on *Mesembryanthemum* sp. in ballast from Algeria; *Ramularia* sp. on lettuce from Cuba; and *Septoria* sp. on lime from Algeria.

A total of 5,602 incompletely determined pathogens were recorded during the year.

Geographic summary of interceptions listed in main table and interception totals

Country	Insect	Disease	Country	Insect	Disease
	Number	Number		Number	Number
Africa:			Europe:		
Algeria.....	7	0	Azores.....	4	
East Africa.....	1	0	Belgium.....	17	
Egypt.....	3	0	England.....	62	
Ethiopia.....	0	2	Europe.....	0	
Gold Coast.....	5	0	France.....	8	
Kenya Colony.....	1	1	Germany.....	1	
Morocco.....	5	0	Greece.....	1	
Mozambique.....	4	0	Ireland.....	3	
Tunisia.....	1	0	Italy.....	14	
Union of South Africa.....	5	1	Luxemburg.....	0	
Asia:			Netherlands.....	67	
Asia.....	1	0	Norway.....	2	
China.....	11	5	Portugal.....	13	
India.....	31	14	Scotland.....	8	
Japan.....	19	7	Spain.....	4	
Malasia.....	1	1	Sweden.....	1	
Orient.....	2	0	Switzerland.....	1	
Palestine.....	2	0	Turkey.....	1	
Australasia:			Yugoslavia.....	2	
Admiralty Islands.....	2	0	North America:		
Australia.....	2	20	Bermuda.....	4	
Ceylon.....	1	2	Canada.....	4	
Dutch East Indies.....	0	1	British Columbia.....	6	
Eniwetok Island.....	2	0	Ontario.....	2	
Guam.....	2	1	Central America:		
Hawaii.....	122	2	British Honduras.....	1	
Marquesas Islands.....	2	0	Canal Zone.....	43	
Marshall Islands.....	1	1	Costa Rica.....	40	
New Guinea.....	4	2	Guatemala.....	66	
New Hebrides.....	1	1	Honduras.....	5	
New Zealand.....	1	2	Nicaragua.....	17	
Okinawa.....	1	2	Panama.....	28	
Palau Islands.....	1	0	Salvador.....	11	
Philippines.....	30	7	Greenland.....	1	
Samoa.....	0	1	Mexico.....	1, 474	3
South Pacific.....	11	2	Newfoundland.....	0	
Ulithi Island.....	1	1			

Geographic summary of interceptions listed in main table and interception totals—
Continued

Country	Insect	Disease	Country	Insect	Disease
Number	Number	Number	Number	Number	Number
North America—Continued			South America—Continued		
West Indies.....	1	0	Ecuador.....	1	2
American Virgin Is- lands.....	3	1	Paraguay.....	3	1
Antigua.....	2	0	Peru.....	7	2
Aruba.....	1	0	Uruguay.....	2	4
Bahamas.....	10	1	Venezuela.....	126	10
Barbados.....	5	0	Total:		
Cuba.....	91	8	Africa.....	32	4
Curacao.....	5	0	Asia.....	67	30
Dominican Republic.....	18	9	Australasia.....	184	45
Grenada.....	3	0	Europe.....	209	142
Guadeloupe.....	0	1	North America.....	1,979	465
Haiti.....	8	0	South America.....	267	47
Jamaica.....	28	1	Unknown.....	47	15
Martinique.....	0	1	Total.....	2,785	748
Puerto Rico.....	85	8	Total (common pests, p. 4).....	21,139	10,604
St. Lucia.....	0	1	Total (incompletely de- termined pests, p. 6).....	5,872	5,602
St. Vincent.....	3	0	Total insect intercep- tions.....	29,796	-----
Trinidad.....	9	1	Total disease intercep- tions.....	-----	16,954
Virgin Islands.....	5	1	Grand total.....	-----	46,750
South America:					
Argentina.....	7	5			
Brazil.....	44	10			
British Guiana.....	2	0			
Chile.....	3	4			
Colombia.....	71	9			
Dutch Guiana.....	1	0			

NOTE.—In addition to the countries named above, interceptions were made from Angola, Arabia, Belgian Congo, Bikini Atoll, Bolivia, Burma, Canary Islands, Cyprus, Czechoslovakia, Denmark, Dutch West Indies, Fiji Islands, Finland, Gibraltar, Gilbert Islands, Grand Cayman, Guadalcanal, Guensey Island, Iran, Iwo Jima, Johnston Island, Leeward Islands, Liberia, Madeira Islands, Marianas, New Caledonia, Nigeria, North Ireland, Oceania, Pretoria, St. Eustatius, Saipan, Sierra Leone, Solomon Islands, Syria, Tahiti, Tanganyika, Tarawa, Tasmania, Tinian Island, Union of Soviet Socialist Republics, and Wales.

List of pests (insects) collected and reported from July 1, 1945 to June 30, 1946,
inclusive

[An asterisk indicates State inspection]

Insect and host	Country of origin	Number of interceptions in—			Collected in—
		Consump- tion	Nonentry	Propaga- tion	
<i>Acanthoderes circumflexa</i> Jacq.—Duv. (Ceramby- cidae):					
<i>Cybtar donnell-smithii</i> (primavera).....	Guatemala.....	1	-----	-----	N. Y.
<i>Acanthoscelides armitagei</i> (Pic) (Bruchidae):					
<i>Cajanus cajan</i> (pigeonpea).....	Canal Zone, Puerto Rico, Trinidad.	2	-----	1	N. Y.
<i>Acanthoscelides ceratioborus</i> (Philippi) (Bruchidae):					
<i>Prosopis</i> sp.....	Chile.....	1	-----	-----	La.
<i>Acanthoscelides obvelatus</i> Bridw. (Bruchidae):					
Bean.....	Guatemala.....	-----	-----	1	Tex.
<i>Phaseolus</i> sp.....	Mexico.....	-----	-----	1	D. C.
<i>Acanthoscelides sallaei</i> Sharp (?) (Bruchidae):					
<i>Acacia farnesiana</i> (sweet acacia).....	Nicaragua.....	-----	-----	1	La.
<i>Aceratagallia gillettei</i> (O. & B.) (Cicadellidae):					
<i>Lactuca sativa</i> (lettuce).....	Mexico.....	2	-----	-----	Ariz.
<i>Aceria tulipae</i> (K.) (Eriophyidae):					
<i>Allium sativum</i> (garlic).....	do.....	1	-----	-----	Tex.
<i>Acroleucus vicinialis</i> Dist. (Lygaeidae):					
<i>Laelia anceps</i> (orchid).....	do.....	-----	-----	2	Tex.
<i>Adelphocoris lineolatus</i> (Goeze) (Miridae):					
Sand ballast.....	Italy.....	1	-----	-----	Tex.

List of pests (insects) collected and reported from July 1, 1945 to June 30, 1946,
inclusive—Continued

[An asterisk indicates State inspection]

Insect and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
<i>Agallissus lepturoides</i> Chevr. (Cerambycidae):					
<i>Ananas comosus</i> (pineapple)	Mexico	1			Tex.
<i>Aganactesis indecora</i> Dyar (Galleriidae):					
<i>Cassia fistula</i> (goldenshower senna)	Trinidad	1			Fla.*
<i>Agilus sulcatulus</i> Chev. (Buprestidae):					
Stem	Mexico	1			Ariz.
<i>Agriotes lineatus</i> L. (Elateridae):					
Soil around rhododendron	England			1	N. J.
<i>Agromyza virens</i> Loew (Agromyzidae):					
<i>Daucus carota sativa</i> (carrot)	Mexico	4			Ariz.
<i>Phaseolus</i> sp. (string bean)	Canal Zone, Panama		3		Ala., Tex.
<i>Agrotis ypsilon</i> (Rott.) (Phalaenidae):					
<i>Lactuca sativa</i> (lettuce)	Mexico	1			Tex.
<i>Aleurocanthus woglumi</i> Ashby (Aleyrodidae):					
<i>Citrus aurantifolia</i> (sour lime)	do.	47			Ariz., Tex.
<i>Citrus</i> sp.	do.	1			Ariz.
<i>Mangifera indica</i> (mango)	do.	2	1		Ariz.
<i>Aleurolobus olivinus</i> (Silvestri) (?) (Aleyrodidae):					
<i>Olea</i> sp.	Morocco			1	D. C.
<i>Aleurothrix floccosus</i> (Mask.) (Aleyrodidae):					
<i>Arum</i>	Dutch Guiana	1			Fla.*
<i>Citrus aurantifolia</i> (sour lime)	Mexico	1			Tex.
<i>Aleurothrix myrtacei</i> Bondar (Aleyrodidae):					
<i>Gardenia augusta</i> (Cape-jasmine)	Guatemala, Mexico, Venezuela	6			Fla.,* Tex.
<i>Aleurotrachelus trachoides</i> (Back) (Aleyrodidae):					
Palm	Mexico	1			Tex.
<i>Aleyrodes brassicae</i> Walker (?) (Aleyrodidae):					
<i>Brassica oleracea capitata</i> (cabbage)	England, Scotland		2		N. Y., Pa.
<i>Algarobius prosopis</i> (Lec.) (Bruchidae):					
<i>Prosopis</i> sp. (mesquite)	Mexico	1			Tex.
<i>Allantus cinctus</i> (L.) (Tenthredinidae):					
<i>Rosa</i> sp.	Netherlands			13	N. J.
<i>Alpheias conspirata</i> Hein. (Galleriidae):					
<i>Ananas comosus</i> (pineapple)	Mexico	24			Tex.
<i>Amorbia emigratella</i> Busck (Tortricidae):					
<i>Dahlia</i> sp.	do.	1			Tex.
<i>Lilium longiflorum</i> (Easter lily)	do.	2			La., Tex.
<i>Amphicerus cornutus</i> (Pallas) (Bostrichidae):					
Bamboo	Mexico, soldier's mail	3			Minn., Tex.
<i>Oryza sativa</i> (rice)	Philippines	1			Calif.*
<i>Prosopis</i> sp. (mesquite)	Mexico	1			Ariz.
Wood	Mexico, Venezuela	2		1	Ariz., Calif.,* N. J.
<i>Anacentrinus deplanatus</i> (Csy.) (Curculionidae):					
Cane	Mexico	1			Tex.
<i>Anaphothrips orchidaceus</i> Bagn. (Thripidae):					
<i>Catleya gaskelliana</i> (orchid)	Venezuela			1	Calif.*
<i>Catleya mossiae</i>	do.			1	Calif.*
<i>Catleya peruvianiana</i>	do.			1	Calif.*
<i>Catleya</i> sp.	England, Venezuela			3	Calif.,* N. J.
<i>Cymbidium</i> sp. (orchid)	England, Ireland (?)			3	Calif.,* N. J.
<i>Cypripedium longifolium</i> (orchid)	Costa Rica			1	Calif.*
<i>Cypripedium</i> sp. (orchid)	England			1	Calif.*
<i>Lycaste skinneri</i> (orchid)	Guatemala			1	Calif.*
<i>Odontioda</i> sp. (orchid)	do.			1	N. J.
<i>Odontoglossum</i> sp. (orchid)	do.			3	Calif.,* N. J.
Orchid	Costa Rica, Mexico	1		4	Ariz., Calif.,* Tex.
<i>Anaphothrips orchidii</i> (Mlt.) (Thripidae):					
<i>Cypripedium</i> sp. (orchid)	England			1	Calif.*
<i>Anastrepha fraterculus</i> (Wied.) (Tephritidae):					
<i>Citrus paradisi</i> (grapefruit)	Brazil		1		N. Y.
<i>Anastrepha fraterculus</i> (Wied.) (?) (Tephritidae):					
<i>Citrus sinensis</i> (orange)	do.		3		La., Mass.
<i>Anastrepha ludens</i> (Loew) (Tephritidae):					
<i>Casimiroa edulis</i> (white sapote)	Mexico	3			Tex.
<i>Citrus aurantifolia</i> (sweet lime)	do.	10			Tex.
<i>Citrus aurantium</i> (sour orange)	do.	3			Tex.

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Insect and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
<i>Anastrepha ludens</i> —Continued					
<i>Citrus paradisi</i> (grapefruit)	Mexico	17			Tex.
<i>Citrus reticulata</i> (tangerine)	do.	1			Tex.
<i>Citrus sinensis</i> (orange)	Guatemala, Mexico	97	3		Fla.,* La., Tex.
<i>Cydonia oblonga</i> (quince)	Mexico	4			Tex.
Empty box car	do.		1		Ariz.
<i>Malus sylvestris</i> (apple)	do.	6			Tex.
<i>Mangifera indica</i> (mango)	Mexico, Nicaragua	44	4		Ariz., La., Tex.
<i>Persea americana</i> (avocado)	Mexico	13	1		Ariz., Tex.
<i>Prunus persica</i> (peach)	do.	3			Tex.
<i>Psidium guajava</i> (guava)	do.	1			Tex.
<i>Punica granatum</i> (pomegranate)	do.	2			Tex.
<i>Pyrus communis</i> (pear)	do.	12			Tex.
Sapote	do.	1			Tex.
<i>Anastrepha mombinpraeoptans</i> Sein (Tephritidae):					
<i>Anacardium occidentale</i> (cashew)	Puerto Rico	1			Pa.
<i>Mangifera indica</i> (mango)	American Virgin Islands, Cuba, Dominican Republic, Haiti, Jamaica, Mexico, Puerto Rico, Salvador, Virgin Islands.	30	6		Calif.,* Fla.,* La., Md., N. Y., Pa., P. R., S. C., Tex.
<i>Prunus domestica</i> (plum)	Mexico	1			Tex.
<i>Psidium guajava</i> (guava)	Puerto Rico	1			Fla.*
<i>Spondias mombin</i> (yellow mombin)	Nicaragua	1			Tex.
<i>Spondias</i> sp. (mombin)	Guatemala	2			La.
<i>Anastrepha mombinpraeoptans</i> Sein (?) (Tephritidae):					
<i>Mangifera indica</i> (mango)	Guatemala, Honduras, Nicaragua, Puerto Rico, Salvador	5			La., N. Y., Pa., Tex.
<i>Spondias mombin</i> (yellow mombin)		1			La.
<i>Anastrepha serpentina</i> (Wied.) (Tephritidae):					
<i>Achras zapota</i> (sapodilla)	Nicaragua, Venezuela	2			Calif.,* Fla.
<i>Mammea americana</i> (mamey)	Mexico, Nicaragua	5	1		Calif.,* Tex.
<i>Anastrepha striata</i> Schln. (?) (Tephritidae):					
<i>Psidium guajava</i> (guava)	Honduras	1			La.
<i>Anastrepha suspensa</i> (Loew) (Tephritidae):					
<i>Psidium guajava</i> (guava)	Dominican Republic, Puerto Rico	3	1		Fla.,* N. Y.
<i>Anthonomus zeraula</i> Meyrick (Oecophoridae):					
<i>Triticum aestivum</i> (wheat)	China	1			Fla.*
<i>Ancylotomia stercorea</i> (Zell.) (Phycitidae):					
<i>Cajanus cajan</i> (pigeonpea)	American Virgin Islands, Dominican Republic	3			N. Y., P. R.
<i>Anelaphus spurcus</i> (Lec.) (Cerambycidae):					
Cactus	Mexico			1	Tex.
<i>Anomala dubia</i> (Scop.) (Scarabaeidae):					
Grass	Italy	1			La
<i>Anuraphis apifolia</i> Theob. (Aphidae):					
<i>Apium graveolens</i> (celery)	Egypt, Mozambique, Uruguay		3		Md., Mass., Pa.
<i>Anuraphis helichrysi</i> (Kalt.) (Aphidae):					
<i>Cymbidium finlaysonianum</i> (orchid)	Philippines			1	Calif.*
<i>Dianthus</i> sp. (carnation)	Mexico	1			Tex.
<i>Gardenia augusta</i> (Cape-jasmine)	do.		1		Tex.
<i>Gypsophila paniculata</i> (babysbreath)	do.		1		Tex.
Mixed flowers	do.	1			Tex.
<i>Aonidiella citrina</i> (Coq.) (Coccidae):					
<i>Gardenia augusta</i> (Cape-jasmine)	do.	1			Tex.
Unidentified leaf	do.		1		Tex.
<i>Aonidiella inornata</i> McKenzie (Coccidae):					
<i>Cocos nucifera</i> (coconut)	Admiralty Island, South Pacific	2			Calif.*
<i>Jasminum sambac</i> (Arabian jasmine)	Hawaii			1	Calif.*
<i>Aonidiella maleti</i> Vayss. (Coccidae):					
<i>Olea europaea</i> (olive)	Morocco	1			D. C.

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<i>Aphetea inconspicua</i> Fowl. (Membracidae):					
Orchid	Mexico			1	Tex.
<i>Aphis medicaginis</i> Koch (Aphidae):					
<i>Lilium longiflorum</i> (Easter lily)	Bermuda	1			N. Y.
<i>Polianthes tuberosa</i> (tuberose)	Mexico	2			Tex.
<i>Aphis nerii</i> Fonsc. (Aphidae):					
<i>Nerium oleander</i> (oleander)	Bahamas, Cuba	1	1		Fla.*
<i>Apion pisi</i> F. (Curculionidae):					
Sand ballast	Italy	1			Ala.
<i>Argyresthia conjugella</i> Zell. (Hyponomeutidae):					
<i>Sortus</i> sp. (mountain ash)	Scotland	1			N. Y.
<i>Arvelius albopunctatus</i> (Deg.) (Pentatomidae):					
<i>Capsicum frutescens</i> (pepper)	Mexico	1			Ariz.
<i>Cucurbita maxima</i> (squash)	do	1			Ariz.
<i>Aspidiotus corticis-pini</i> Lindgr. (Coccidae):					
<i>Pinus</i> sp. (five-leaved pine)	Japan	1			Mass.
<i>Aspidiotus destructor</i> Sign. (Coccidae):					
<i>Annona muricata</i> (sourpomp)	Cuba	1			Fla.*
<i>Annona squamosa</i> (sugarapple)	do	1			Fla.*
<i>Cocos nucifera</i> (coconut)	Canal Zone, Colombia, Costa Rica, Guam, Guatemala, Marquesas Islands, Philippines, South Pacific.	3	4	2	Calif.,* Tex.
<i>Mangifera indica</i> (mango)	Argentina, Panama	1	1		Fla.,* N. Y.
<i>Musa paradisiaca sapientum</i> (banana)	Costa Rica, Puerto Rico	2			Fla.,* S. C.
Palm	Cuba	3			Calif.,* Fla.*
<i>Aspidiotus diffinis</i> (Newst.) (Coccidae):					
<i>Mammea americana</i> (mamey)	Colombia	1			Fla.*
<i>Aspidiotus excisus</i> Green (Coccidae):					
<i>Cocos nucifera</i> (coconut)	South Pacific	1			Calif.*
<i>Aspidiotus herculeanus</i> Ckll. & Hadd. (Coccidae):					
<i>Annona</i> sp.	Puerto Rico	1			Fla.*
<i>Artocarpus altilis</i> (breadfruit)	do		1		N. J.
Crassulaceae	Mexico		1		N. J.
<i>Spondias mombin</i> (jobo)	Puerto Rico	1			Fla.*
<i>Spondias</i> sp.	Jamaica	1			Fla.*
<i>Theobroma cacao</i> (cacao)	New Hebrides	1			Fla.*
Unidentified leaf and bark	Puerto Rico	1			Fla.*
<i>Aspidiotus mendax</i> (McKenzie) (Coccidae):					
<i>Epidendrum pentotis</i> (orchid)	Guatemala			1	Calif.*
<i>Aspidiotus palmarum</i> Ckll. (Coccidae):					
<i>Cocos nucifera</i> (coconut)	Costa Rica		1		Calif.*
<i>Grammatophyllum wallisii</i> (orchid)	Philippines		1		Calif.*
<i>Musa paradisiaca sapientum</i> (banana)	Guatemala	1			Calif.*
Palm	Colombia		1		Calif.*
Unidentified leaf	New Guinea	1			Calif.*
<i>Aspidiotus spinosus</i> (Comst.) (Coccidae):					
<i>Cocos nucifera</i> (coconut)	Hawaii	1		1	Calif.*
<i>Mammea americana</i> (mamey)	Panama	1			Fla.*
<i>Monstera deliciosa</i> (ceriman)	Bermuda	1			N. Y.
<i>Asterolecanium bambusae</i> (Bdv.) (Coccidae):					
Bamboo	Cuba, Hawaii	2			Calif.,* Fla.*
<i>Asterolecanium epidendri</i> (Bouche) (Coccidae):					
Bromeliad	Guatemala			1	N. J.
<i>Broughtonia</i> sp. (orchid)	Jamaica			1	N. J.
<i>Cattleya dowiana</i> (orchid)	Costa Rica			1	Calif.*
<i>Cattleya granulosa</i>	Brazil			1	N. J.
<i>Cattleya trianae</i>	Colombia			1	Calif.*
<i>Cattleya</i> sp.	Brazil, Venezuela			2	N. J.
<i>Cyrtopodium longifolium</i> (orchid)	Canal Zone, Guatemala			3	Tex.
<i>Cyrtopodium</i> sp.	Canal Zone			1	Tex.
<i>Epidendrum odoratissimum</i> (orchid)	Brazil			1	N. J.
<i>Oncidium</i> sp. (orchid)	Costa Rica			1	N. J.
Orchid	do			1	Tex.
<i>Asterolecanium pseudomilitaris</i> Green (Coccidae):					
Grass	Puerto Rico		1		Pa.

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<i>Asterolecanium pustulans</i> (Ckll.) (Coccidae):					
<i>Achras zapota</i> (sapodilla).....	Bahamas.....	1			Fla.
<i>Annona cherimola</i> (cherimoya).....	Puerto Rico.....	1			Fla.*
<i>Annona squamosa</i> (sugarapple).....	Virgin Islands.....	1			Fla.*
<i>Epidendrum</i> sp. (orchid).....	Nicaragua.....			1	Calif.*
<i>Hibiscus</i> sp.....	Hawaii.....			1	Calif.*
<i>Nerium oleander</i> (oleander).....	American Virgin Islands.....			1	P. R.
<i>Atheas fuscipes</i> Champ. (Tingidae):					
<i>Gladiolus</i> sp.....	Mexico.....	1			La.
<i>Atheas nigricornis</i> Champ. (Tingidae):					
<i>Rosa</i> sp.....	do.....	1			Tex.
<i>Attelabus corvinus</i> Gyll. (Curculionidae):					
<i>Oncidium</i> sp. (orchid).....	do.....			1	Tex.
<i>Aulacaspis mangiferae</i> (Newst.) (Coccidae):					
<i>Mangifera indica</i> (mango).....	Trinidad, Venezuela.....	5			Fla.*
<i>Aulonium bidentatum</i> (F.) (Colydiidae):					
<i>Cybtar donnell-smithi</i> (primavera).....	Guatemala.....	1			Calif.*
<i>Barathra brassicae</i> (L.) (Phalaenidae):					
<i>Brassica oleracea capitata</i> (cabbage).....	Belgium, Brazil, Netherlands.....		3		Md., N. Y.
<i>Baris laticollis</i> Marsh. (Curculionidae):					
<i>Brassica oleracea acephala</i> (kale).....	Azores.....		1		Pa.
<i>Brassica rapa</i> (turnip).....	England.....		1		N. Y.
<i>Barypeithes araneiformis</i> Schrank (Curculionidae):					
Moss packing around dahlia.....	do.....			1	N. J.
<i>Battus philenor</i> (L.) (Papilionidae):					
Wood.....	Mexico.....	1			Ariz.
<i>Bemisia inconspicua</i> (Q.) (Aleyrodidae):					
Unidentified leaf.....	Puerto Rico.....	1			Fla.*
<i>Bitoma brevipes</i> (Sharp) (Colydiidae):					
<i>Allium sativum</i> (garlic).....	Mexico.....	1			Ariz.
<i>Bitoma unicolor</i> Guer. (?) (Colydiidae):					
<i>Cordia gerascanthus</i>	Cuba.....	1			N. Y.
<i>Blissus richardsoni</i> Drake (Lygaeidae):					
<i>Vitis</i> sp. (grape).....	Argentina.....	1			La.
<i>Bonchis munitalis</i> (Led.) (Chrysangidae):					
<i>Parmentiera edulis</i> (food candletree).....	Mexico.....			1	Tex.
<i>Brachyrhinus rugifrons</i> (Gyll.) (Curculionidae):					
Soil around shamrock.....	Ireland.....	1			N. Y.
<i>Brachyrhinus singularis</i> (L.) (Curculionidae):					
<i>Primula</i> sp. (primrose).....	British Columbia.....			1	Oreg.
<i>Brachyrhinus sulcatus</i> (F.) (Curculionidae):					
<i>Syringa</i> sp. (lilac).....	Netherlands.....	1			N. Y.
<i>Brentus anchorago</i> (L.) (Brentidae):					
<i>Cybtar donnell-smithi</i> (primavera).....	Guatemala.....	2			Calif.,* N. Y.
Hardwood log.....	Mexico.....	1			Calif.*
<i>Swietenia</i> <i>ahagoni</i> (mahogany).....	do.....	1			Wash.
<i>Brentus mexicanus</i> Boh. (Brentidae):					
<i>Cybtar donnell-smithi</i> (primavera).....	Guatemala.....	1			Calif.*
Hardwood log.....	Mexico.....	2			Calif.*
<i>Bruchidius villosus</i> (F.) (Bruchidae):					
<i>Cytisus</i> sp. (broom).....	England.....			1	N. J.
<i>Bruchus guttatus</i> Rey (?) (Bruchidae):					
<i>Vicia</i> sp. (vetch).....	Germany.....	1			Mass.
<i>Bruchus luteicornis</i> Ill. (Bruchidae):					
<i>Vicia</i> sp. (vetch).....	Azores, Netherlands, Portugal.....	2	1		N. Y., Pa., Tex.
<i>Bruchus tristis</i> Boh. (Bruchidae):					
<i>Lathyrus sativus</i> (grass peavine).....	Italy.....	1			La.
<i>Callidium rufipenne</i> Motsch. (Cerambycidae):					
<i>Oryza sativa</i> (rice).....	Japan.....	1			Nebr.
<i>Pinus</i> sp. (pine).....	Japan (?).....	1			Ga.
<i>Calligrapha labyrinthica</i> Stal (Chrysomelidae):					
Orchid.....	Mexico.....			1	Tex.
<i>Calligrapha pantherina</i> Stal (Chrysomelidae):					
Orchid.....	do.....			1	Tex.

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<i>Callosobruchus chinensis</i> (L.) (Bruchidae):					
Bean	Puerto Rico	2			N. Y.
<i>Cajanus cajan</i> (pigeonpea)	Bahamas, Jamaica, Puerto Rico, Trinidad.	4		3	Fla.,* N. J., N. Y.
<i>Cicer arietinum</i> (chickpea)	India		1		N. Y.
Mixed grain	do		1		Ga.
<i>Phaseolus aureus</i> (mung bean)	Dominican Republic, Orient.			2	D. C., N. J.
<i>Vicia faba</i> (broadbean)	China			1	D. C.
<i>Vigna sinensis</i> (cowpea)	Paraguay	1			D. C.
<i>Vigna</i> sp.	do			1	D. C.
<i>Callosobruchus maculatus</i> (F.) (Bruchidae):					
Bean	Curacao, Jamaica	2		1	N. Y.
<i>Cajanus cajan</i> (pigeonpea)	Barbados, Jamaica	3			N. Y.
<i>Cattleya</i> sp. (orchid)	Venezuela			1	P. R.
<i>Cicer arietinum</i> (chickpea)	Mexico	2			Tex.
Leguminosae	Hawaii			1	Calif.*
Unidentified seed	Aruba	1			Pa.
<i>Callosobruchus phaseoli</i> (Gyll.) (Bruchidae):					
<i>Cajanus cajan</i> (pigeonpea)	Grenada, Jamaica	3			N. Y.
<i>Dolichos lablab</i> (hyacinth-bean)	Haiti, Venezuela	1		1	P. R., Tex.
<i>Capaneus odiosus</i> Stal (Coreidae):					
Orchid	Mexico			1	Tex.
<i>Capaneus tetricus</i> Stal (Coreidae):					
Orchid	do			1	Tex.
<i>Caryedon fuscus</i> (Goeze) (Bruchidae):					
<i>Cassia sophora</i>	India			1	N. J.
<i>Cassia</i> sp.	Hawaii	1			Calif.*
Merchandise containing seed pod	Service mail	1			Tex.
<i>Tamarindus indica</i> (tamarind)	Jamaica	2			N. Y.
<i>Catorama herbarium</i> Gorb. (Anobiidae):					
<i>Cajanus cajan</i> (pigeonpea)	do	1			N. Y.
<i>Catorama tabaci</i> Guer. (Anobiidae):					
<i>Gossypium</i> sp. (cottonseed)	Cuba	1			Fla.
<i>Caulophilis latinasus</i> Say (Curculionidae):					
<i>Gypsophila paniculata</i> (barysbreath)	Mexico	1			Tex.
<i>Celama sorghiella</i> (Riley) (Nolidae):					
<i>Saccharum officinarum</i> (sugarcane)	do	1			Tex.
<i>Sorghum vulgare technicum</i> (broomcorn)	do	2			Tex.
<i>Ceratitis capitata</i> (Wied.) (Tephritidae):					
Airplane	South Pacific		3		Hawaii*
<i>Citrus aurantifolia</i> (sweet lime)	Hawaii		1		Calif.*
<i>Citrus limon</i> (lemon)	Mozambique		2		Tex.
<i>Citrus paradisi</i> (grapefruit)	India, Morocco, Palestine (?), Spain, Turkey, Union of South Africa, Uruguay.	1	6		Md., N. Y., Pa.
<i>Citrus reticulata</i> (tangerine)	Italy		1		Md.
<i>Citrus sinensis</i> (orange)	Algeria, Portugal, Spain		4		Md., Pa.
<i>Eriobotrya japonica</i> (loquat)	Algeria	1			N. Y.
<i>Eugenia uniflora</i> (Surinam cherry)	Bermuda	1			Md.
<i>Lycopersicon esculentum</i> (tomato)	Hawaii		1		Calif.*
<i>Persea americana</i> (avocado)	do		1		Calif.*
<i>Ceratocapsus apicalis</i> Knight (Miridae):					
Orchid	Mexico	1			Tex.
<i>Ceratocapsus punctulatus</i> (Reuter) (Miridae):					
<i>Capsicum frutescens</i> (pepper)	do	1			Ariz.
<i>Ceroptastes floridensis</i> Comst. (Coccidae):					
<i>Citrus paradisi</i> (grapefruit)	Bahamas	1			Fla.*
<i>Gardenia augusta</i> (Cape-jasmine)	Costa Rica, Venezuela	3			Fla.*
<i>Malus</i> sp.	Japan			1	Calif.*
<i>Ceroptastes floridensis japonicus</i> Green (Coccidae):					
<i>Cotoneaster</i> sp.	do			1	Wash.
<i>Ceroptastes rubens</i> Mask. (?) (Coccidae):					
<i>Malus</i> sp.	do			1	Calif.*
Unidentified leaf	Antigua	1			Calif.*

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<i>Deutorhynchus pleurostigma</i> Msh. (Curculionidae):					
<i>Brassica napobrassica</i> (rutabaga)	England		2		N. Y.
<i>Brassica rapa</i> (turnip)	do.		4		Md., N. Y., Pa.
<i>Deutorhynchus quadridens</i> Panz. (Curculionidae):					
<i>Brassica oleracea capitata</i> (cabbage)	do.		1		N. Y.
<i>Chaetopsis debilis</i> Loew (Otitidae):					
<i>Ananas comosus</i> (pineapple)	Mexico	1			Tex.
<i>Chaetopsis fulvifrons</i> (Macq.) (Otitidae):					
<i>Allium cepa</i> (onion)	do.	1			Tex.
<i>Zea mays</i> (corn)	Mexico, Peru	63	2	1	Ariz., D. C., La., Tex.
<i>Chelinidea rittiger aequoris</i> McA. (Coreidae):					
<i>Opuntia</i> sp. (prickly pear)	do.			1	Tex.
<i>Chilo phragmitellus</i> Hbn. (?) (Crambidae):					
<i>Phragmites communis</i> (reed)	Netherlands			2	N. J.
<i>Chilo simplex</i> (Btlr.) (Crambidae):					
<i>Oryza sativa</i> (rice)	China	1			Calif.*
<i>Triticum aestivum</i> (wheat)	Japan (?)	1			Tex.
<i>Chionaspis yanonensis</i> (Kuw.) (Coccidae):					
<i>Citrus sinensis</i> (orange)	China		1		Calif.*
<i>Chirothrips manicatus</i> Hal. (Thripidae):					
<i>Posa</i> sp.	Ontario			1	N. J.
<i>Chrysomphalus albopictus</i> (Ckll.) (Coccidae):					
Unidentified leaf	Mexico	1			Tex.
<i>Musa paradisiaca sapientum</i> (banana)	do.	1			Tex.
<i>Chrysomphalus perseae</i> Comst. (Coccidae):					
<i>Cattleya</i> sp. (orchid)	Guatemala			1	Tex.
<i>Chrysomphalus personatus</i> (Comst.) (Coccidae):					
<i>Cocos nucifera</i> (coconut)	Mexico	1			Calif.*
<i>Mangifera indica</i> (mango)	Salvador	1			Fla.*
<i>Posa</i> sp.	Mexico	1		1	Tex.
Unidentified leaf and stem	do.		1		Tex.
<i>Chrysomphalus portoricensis</i> Lindg. (Coccidae):					
Unidentified leaf and bark	Puerto Rico	1			Fla.*
<i>Chrysomphalus tenax</i> (McKenzie) (Coccidae):					
<i>Cattleya gigas</i> (orchid)	Colombia		4		Calif.*
<i>Cattleya trianae</i>	do.		1		Calif.*
<i>Cattleya</i> sp.	Canal Zone, Colombia		5		Calif.,* N. J.
<i>Epidendrum alatum</i> (orchid)	Guatemala		1		Calif.*
<i>Chrysomphalus umboniferus</i> (Newst.) (Coccidae):					
<i>Anthurium</i> sp.	do.		1		Calif.*
<i>Dendrobium</i> sp. (orchid)	Canal Zone		1		N. J.
<i>Epidendrum</i> sp. (orchid)	Nicaragua		1		Calif.*
<i>Laelia rubescens</i> (orchid)	do.		1		Calif.*
<i>Laelia superbiens</i>	Guatemala		1		Calif.*
<i>Laelia</i> sp.	do.		1		N. J.
<i>Odontoglossum uroskinneri</i> (orchid)	do.		1		Calif.*
<i>Oncidium</i> sp. (orchid)	Canal Zone		1		Tex.
<i>Clepsis peritana</i> (Clem.) (Tortricidae):					
<i>Sechium edule</i> (chayote)	Mexico	1			Tex.
<i>Alerada apicicornis</i> Sign. (Lygaeidae):					
<i>Cattleya</i> sp. (orchid)	Colombia			1	Calif.*
Unidentified tree	Mexico	1			Ariz.
<i>Coccotrypes dactyliperda</i> (F.) (Scolytidae):					
<i>Phytelephas macrocarpa</i> (ivory nut)	Ecuador	1			Tex.
<i>Coccus mangiferae</i> (Green) (Coccidae):					
<i>Mangifera indica</i> (mango)	British Guiana, Salvador.	2			Fla.,* Tex.
Unidentified leaf	Mexico			1	Tex.
<i>Coccus pseudoesperidum</i> (Ckll.) (Coccidae):					
<i>Cattleya trianae</i> (orchid)	Guatemala			1	Tex.
<i>Coccus viridis</i> (Green) (Coccidae):					
<i>Gardenia augusta</i> (Cape-jasmine)	Colombia, Costa Rica, Cuba, Dominican Republic, Hawaii, Panama, Puerto Rico, Venezuela.	39	2		Calif.,* Fla.*

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<i>Coelosternus consputus</i> Boh. (Curculionidae):					
<i>Cybisar donnell-smithi</i> (primavera)	Mexico	2			Calif.*
Hardwood log	do.	2			Calif.*
<i>Colaphodes haemoptera</i> (L.) (Chrysomelidae):					
Sand ballast	Italy	2			Tex.
<i>Collops bipunctatus</i> (Say) (Malachiidae):					
<i>Gladiolus</i> sp.	Mexico	1			Tex.
<i>Colobicus parilis</i> Pasc. (Colydiidae):					
<i>Samanea saman</i> (raintree saman)	Hawaii	1			Calif.*
<i>Conchaspis angraeci</i> Newst. (Coccidae):					
<i>Codiaeum</i> sp. (croton)	Mexico			1	Tex.
<i>Epidendrum</i> sp. (orchid)	Nicaragua			1	Calif.*
Orchid	Mexico			1	Tex.
<i>Conotrachelus aguacatae</i> Barber (Curculionidae):					
<i>Persea americana</i> (avocado)	do.	115			Tex.
<i>Conotrachelus integer</i> Csy. (Curculionidae):					
<i>Quercus</i> sp. (oak)	do.	1			Tex.
<i>Conotrachelus leucophaeatus</i> Fahr. (Curculionidae):					
<i>Lactuca sativa</i> (lettuce)	do.	1			Tex.
<i>Conotrachelus perseae</i> Barber (Curculionidae):					
<i>Persea americana</i> (avocado)	Guatemala, Mexico	1		1	D. C., Tex.
<i>Conotrachelus seniculus</i> Lec. (Curculionidae):					
<i>Daucus carota sativa</i> (carrot)	Mexico	1			Ariz.
<i>Gossypium</i> sp. (cottonseed)	do.		1		Ariz.
<i>Lycopersicon esculentum</i> (tomato)	do.	1			Ariz.
<i>Coproporus pulchellus</i> Er. (Staphylinidae):					
<i>Cattleya mendeli</i> (orchid)	Colombia			1	Calif.*
Orchid	Venezuela			1	Wash.
<i>Coptotermes sjostedti modica</i> Silv. (Rhinotermitidae):					
<i>Khaya</i> sp.	Gold Coast	1			Va.
<i>Corcyra cephalonica</i> (Staint.) (Galleriidae):					
<i>Agaricus campestris</i> (mushroom)	Soldier's mail	1			Wash.
<i>Cajanus cajan</i> (pigeonpea)	Barbados	1			N. Y.
<i>Gossypium</i> sp. (cottonseed)	Brazil, St. Vincent	1		1	Fla.,* P. R.
<i>Solanum</i> sp.	Soldier's mail	1			Minn.
<i>Sorghum vulgare</i> (sorghum)	Kenya Colony			1	D. C.
<i>Cordylomera spinicornis</i> F. (?) (Cerambycidae):					
<i>Khaya</i> sp.	Gold Coast	4			Pa., Va.
<i>Corimelaena alticola</i> (Horvath) (Pentatomidae):					
Orchid	Mexico			1	Tex.
<i>Corimelaena incognita</i> (McA. & M.) (Pentatomidae):					
<i>Maurandia</i> sp.	do.	1			N. Y.
<i>Coriridea tonigera</i> (Reuter) (Cryptostematidae):					
Orchid	do.			1	Tex.
<i>Crociosema plebeiana</i> Zell. (Olethreutidae):					
<i>Hibiscus esculentus</i> (okra)	Cuba	3			Fla.,* La.
<i>Crophius scabrosus</i> Uhl. (Lygaeidae):					
Herb	Mexico	1			Ariz.
Orchid	do.			1	Tex.
<i>Cryphalomorphus jalappae</i> (Letzn.) (Scolytidae):					
<i>Ipomoea batatas</i> (sweetpotato)	do.			1	Tex.
<i>Ipomoea purga</i> (jalap)	do.	1			Tex.
<i>Cryphula affinis</i> (Dist.) (Lygaeidae):					
<i>Cattleya mendeli</i> (orchid)	Colombia			1	Calif.*
<i>Cryphula trimaculata</i> (Dist.) (Lygaeidae):					
Orchid	Mexico			1	Tex.
<i>Cryptotermes cavirostris</i> Banks (Kalotermitidae):					
<i>Guajacum officinale</i> (lignumvitae)	Guatemala	1			Calif.*
<i>Ctenicera aereipennis</i> (Kby.) (Elateridae):					
Soil	British Columbia			1	Wash.
<i>Curculio q-griseae</i> Chttn. (Curculionidae):					
<i>Quercus</i> sp. (oak)	Mexico	3		1	Tex.
<i>Cylas formicarius</i> (F.) (Curculionidae):					
<i>Ipomoea batatas</i> (sweetpotato)	India		2		Ga.

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<i>Cylas formicarius elegantulus</i> (Summers) (Curculionidae): <i>Ipomoea batatas</i> (sweetpotato)	Bahamas, China, Colombia, Cuba, Curacao, Dominican Republic, Hawaii, Jamaica, Mexico, Panama, Puerto Rico, Virgin Islands.	34	18	---	Ala., Calif., Fla.,* La., Md., N. Y., Pa., Tex.
<i>Cylas formicarius</i> probably <i>elegantulus</i> (Curculionidae): <i>Ipomoea batatas</i> (sweetpotato)	Brazil, Cuba, Dominican Republic, Panama, Puerto Rico.	3	9	---	Md., Mass., N. Y., Pa., Tex.
<i>Cylas formicarius formicarius</i> (F.) (Curculionidae): <i>Ipomoea batatas</i> (sweetpotato)	India.....	---	4	---	Calif.,* Ga., N. Y.
<i>Cylas formicarius</i> (F.) (subspecies unknown) (Curculionidae): <i>Ipomoea batatas</i> (sweetpotato)	China.....	---	1	---	Ala.
<i>Cyphosterna bicolor</i> Chev. (Cerambycidae): Bamboo.....	Mexico.....	1	---	---	Ariz.
<i>Dacne bipustulata</i> (Thunb.) (?) (Erotylidae): <i>Gossypium</i> sp. (cotton lint).....	Soldier's mail.....	1	---	---	Tex.
<i>Dacne picta</i> Crotch (Erotylidae): Herb.....	Burma or India (?).....	1	---	---	Fla.*
<i>Dacus cucurbitae</i> Coq. (Tephritidae): <i>Capsicum frutescens</i> (pepper)..... <i>Carica papaya</i> (papaya)..... <i>Cucumis sativus</i> (cucumber)..... <i>Cucurbita maxima</i> (squash)..... <i>Lycopersicon esculentum</i> (tomato)..... <i>Persea americana</i> (avocado)..... <i>Phaseolus</i> sp. (string bean).....	Hawaii..... do..... do..... do..... do..... do..... do.....	---	3 1 1 6 45 1 2	---	Wash. Calif.* Calif.* Calif.,* Mass. Calif.,* Wash. Calif.* Calif.*
<i>Dacus dorsalis</i> Hend. (?) (Tephritidae): <i>Mangifera indica</i> (mango).....	do.....	1	---	---	Calif.*
<i>Dacus oleae</i> Gmel. (Tephritidae): <i>Olea europaea</i> (olive).....	Italy, Mexico.....	1	3	---	N. Y., Tex.
<i>Dialeurodes chittendeni</i> Laing (Aleyrodidae): <i>Rhododendron</i> sp.....	England.....	---	---	9	N. J.
<i>Dialeurodes citri</i> (Ashm.) (Aleyrodidae): Bamboo..... Unidentified leaf.....	Soldier's mail..... do.....	1 1	---	---	Ky. Tex.
<i>Dialeurodes citrifolii</i> (Morg.) (Aleyrodidae): <i>Citrus paradisi</i> (grapefruit)..... <i>Citrus</i> sp.....	Puerto Rico..... Haiti.....	1 1	---	---	Fla.* N. J.
<i>Dialeurodes kirkaldyi</i> (Kot.) (Aleyrodidae): Unidentified cutting..... Unidentified shrub.....	Philippines..... Guam.....	---	1 1	1	Calif.* N. J.
<i>Diaphania hyalinata</i> (L.) (Pyraustidae): <i>Cucumis melo</i> (melon)..... <i>Cucurbita maxima</i> (squash).....	Mexico..... do.....	1 4	---	---	Tex. Tex.
<i>Diaphania nitidalis</i> (Stoll) (Pyraustidae): <i>Cucumis sativus</i> (cucumber)..... <i>Cucurbita maxima</i> (squash)..... <i>Sechium edule</i> (chayote).....	Brazil, Canal Zone, Nicaragua, Panama. Mexico..... do.....	8 2 ---	---	---	Ala., Calif.,* N. Y., Tex. Tex. Tex.
<i>Diatraea lineolata</i> (Wlk.) (Crambidae): <i>Saccharum officinarum</i> (sugarcane).....	Colombia.....	---	1	---	N. Y.
<i>Diatraea saccharalis</i> (F.) (Crambidae): <i>Saccharum officinarum</i> (sugarcane)..... Sugar.....	Cuba..... do.....	1 1	---	---	Fla.* Fla.*
<i>Dichocrocis punctiferalis</i> (Gn.) (Pyraustidae): <i>Pinus</i> sp. (pine).....	Japan.....	---	---	1	N. J.
<i>Dinoderus bifoveolatus</i> (Woll.) (Bostrichidae): Forest litter..... <i>Serjania mexicana</i> (barbasco)..... Wood.....	Soldier's mail..... Brazil, Peru..... Mexico.....	1 6 1	---	---	Tex. N. Y. Tex.

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<i>Dinoderus brevis</i> Horn (Bostrichidae): Bamboo.....	Philippines, soldier's mail, South Pacific.	15	---	---	Hawaii,* Md., Minn., Nebr., Ohio, Wash.
<i>Phragmites</i> sp.....	Soldier's mail.....	1	---	---	Mass.
Straw hat.....	Service mail.....	1	---	---	Wash.
Wood.....	India.....	1	---	---	N. Y.
<i>Dinoderus ocellaris</i> Steph. (Bostrichidae): Bamboo.....	Asia, Philippines, soldier's mail.	11	---	---	Ky., Ill., Md., Mass., Ohio.
<i>Diocalandra taitensis</i> (Guer.) (Curculionidae): <i>Cocos nucifera</i> (coconut).....	Hawaii.....	1	---	---	Calif.*
<i>Diorymerellus laevimargo</i> Champ. (Curculionidae): <i>Cymbidium</i> sp. (orchid).....	Mexico.....	---	---	1	Tex.
<i>Odontoglossum</i> sp. (orchid).....	Guatemala.....	---	---	1	Tex.
Orchid.....	Mexico.....	---	---	7	Tex.
<i>Dolichocysta venusta</i> Champ. (Tingidae): Unidentified leaf.....	do.....	1	---	---	Ariz.
<i>Dryophthorus pusillus</i> Sharp (Curculionidae): <i>Cibotium</i> sp. (fern).....	Hawaii.....	---	---	1	Calif.*
<i>Dysdercus mimulus</i> Hussey (Pyrrhocoridae): <i>Polianthes tuberosa</i> (tuberose).....	Mexico.....	1	---	---	Tex.
<i>Dysides obscurus</i> Perty (Bostrichidae): Wood.....	Venezuela.....	1	---	1	N. J.
<i>Elytroleinus subtruncatus</i> (Fairm.) (Curculionidae): Orchid.....	New Guinea.....	---	---	1	Calif.*
<i>Empoasca solana</i> Del. (Cicadellidae): <i>Lactuca sativa</i> (lettuce).....	Mexico.....	2	---	---	Tex.
<i>Endrosis lactella</i> (Schiff.) (Oecophoridae): <i>Anemone</i> sp.....	England.....	---	---	1	N. Y.
<i>Begonia</i> sp.....	Soldier's mail.....	---	---	1	Wash.
<i>Iris</i> sp.....	Netherlands.....	---	---	1	N. J.
<i>Magnolia</i> sp.....	do.....	---	---	1	N. J.
<i>Tulipa</i> sp.....	Netherlands, soldier's mail.	2	---	3	Calif.,* Ky., N. Y.
<i>Enicmus minutus</i> (L.) (Lathridiidae): <i>Catleya mossiae</i> (orchid).....	Venezuela.....	---	---	1	Calif.*
Hay.....	Soldier's mail.....	1	---	---	Tex.
<i>Narcissus</i> sp.....	Netherlands.....	---	---	2	N. Y.
<i>Oryza sativa</i> (rice).....	Soldier's mail.....	1	---	---	Tex.
<i>Triticum aestivum</i> (wheat).....	do.....	1	---	---	Tex.
<i>Epicaerus cognatus</i> Sharp (Curculionidae): <i>Solanum tuberosum</i> (potato).....	Mexico.....	1	10	---	La., Tex., Va.
<i>Epidiopsis piricola</i> (Del Guer.) (?) (Coccidae): <i>Malus sylvestris</i> (apple).....	Portugal.....	---	---	1	Pa.
<i>Epilachna varivestis</i> Muls. (Coccinellidae): <i>Brassica</i> sp. (mustard).....	Mexico.....	1	---	---	Tex.
<i>Capsicum frutescens</i> (pepper).....	do.....	1	---	---	Tex.
Orchid.....	do.....	---	---	1	Tex.
<i>Epilachna varivestis varipes</i> Muls. (Coccinellidae): Orchid.....	do.....	---	---	1	Tex.
<i>Epinotia opposita</i> Hein. (Olethreutidae): <i>Phaseolus</i> sp. (string bean).....	Canal Zone, Mexico, Panama.	6	8	---	Ala., Ariz., Calif.,* Tex.
<i>Epitrix cucumeris</i> (Har.) (Chrysomelidae): <i>Physalis</i> sp. (husk tomato).....	Mexico.....	2	---	---	Tex.
<i>Epitrix fasciata</i> Blatch. (Chrysomelidae): <i>Capsicum frutescens</i> (pepper).....	do.....	1	---	---	Ariz.
<i>Lycopersicon esculentum</i> (tomato).....	do.....	1	---	---	Tex.
<i>Epitrix hirtipennis</i> (Mels.) (Chrysomelidae): <i>Lycopersicon esculentum</i> (tomato).....	do.....	2	---	---	Tex.

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<i>Ereunetis flavistriata</i> Wlsm. (Tineidae):					
<i>Ananas comosus</i> (pineapple).....	Hawaii		1		Wash.
<i>Cocos nucifera</i> (coconut).....	do.	8	1		Calif.*
<i>Musa paradisiaca sapientum</i> (banana).....	do.		1		Wash.
<i>Ereunetis minuscula</i> Wlsm. (Tineidae):					
Unidentified seed.....	Cuba			1	N. Y.
<i>Eriococcus coccineus</i> Kkll. (Coccidae):					
Cactus.....	Mexico			4	Tex.
<i>Ernobius abietis</i> F. (Anobiidae):					
<i>Picea</i> sp. (spruce).....	Norway		1		Md.
<i>Ernobius punctulatus</i> (Lec.) (Anobiidae):					
<i>Pinus</i> sp. (pine).....	Canada	1			Wash.
<i>Estigmene acrea</i> (Drury) (Aretiidae):					
<i>Gladiolus</i> sp.....	Mexico	1			La.
<i>Lycopersicon esculentum</i> (tomato).....	do.	2			Ariz., Tex.
<i>Eucacophagus aurocinctus</i> Champ. (Curculionidae):					
<i>Cattleya dowiana</i> (orchid).....	Costa Rica			1	Calif.*
<i>Eucalandra setulosa</i> (Gyll.) (Curculionidae):					
<i>Arthrostylidium racemiflorum</i> (bamboo).....	Mexico	6			Ariz.
Bamboo.....	do.	1			Ariz.
<i>Eucalymnatus tessellatus</i> (Sign.) (Coccidae):					
<i>Gardenia augusta</i> (Cape-jasmine).....	do.	3			Tex.
<i>Rosa</i> sp.....	Venezuela	1			Fla.*
<i>Eucnecerus anthrenoides</i> Sharp (Dermestidae):					
<i>Tagetes florida</i>	Mexico	1			Tex.
<i>Eumecosomyia nubila</i> (Wied.) (Otitidae):					
<i>Zea mays</i> (corn).....	do.	1			Tex.
<i>Eumerus tuberculatus</i> Rond. (Syrphidae):					
<i>Hyacinthus</i> sp.....	Netherlands			1	N. Y.
<i>Eurycipitia vestitus</i> (Dist.) (Miridae):					
<i>Brassarola digbyana</i> (orchid).....	Honduras			1	N. J.
<i>Oncidium</i> sp. (orchid).....	Mexico			1	Calif.*
Orchid.....	Guatemala, Mexico			2	Tex., Wash.
<i>Eurydema ornatum</i> (L.) (Pentatomidae):					
<i>Brassica oleracea botrytis</i> (cauliflower).....	Italy		1		N. Y.
<i>Eurytoma orchidearum</i> (Westw.) (Eurytomidae):					
<i>Cattleya choroensis</i> (orchid).....	Colombia			1	Calif.*
<i>Cattleya dowiana</i>	Costa Rica			1	Calif.*
<i>Cattleya gaskelliana</i>	Venezuela			1	Calif.*
<i>Cattleya gigas</i>	Colombia			1	N. J.
<i>Cattleya harrisiana</i>	Brazil			1	Calif.*
<i>Cattleya loddigesi</i>	do.			2	N. J.
<i>Cattleya mossiae</i>	Venezuela			1	Calif.*
<i>Cattleya walkeriana</i>	Brazil			1	N. J.
<i>Cattleya</i> sp.....	Brazil, Colombia, Guatemala, Venezuela.			59	Calif.,* N. J., Tex., Wash.
<i>Laelia</i> sp. (orchid).....	Brazil			1	N. J.
<i>Eusepeus postfasciatus</i> (Fairm.) (Curculionidae):					
<i>Ipomoea batatas</i> (sweetpotato).....	Brazil, Hawaii, Panama, Puerto Rico, Venezuela.	3	15		Calif.,* Fla.,* Md., Mass., N. Y., Pa., Tex., Wash.
<i>Evergestis forficalis</i> (L.) (Pyraustidae):					
<i>Brassica oleracea capitata</i> (cabbage).....	Belgium, France		2		Mass., N. Y.
<i>Evergestis rimosalis</i> (Guen.) (Pyraustidae):					
<i>Brassica oleracea botrytis</i> (cauliflower).....	Mexico	1			Tex.
<i>Rorippa nasturtium aquaticum</i> (watercress).....	do.	1			Tex.
<i>Zea mays</i> (corn).....	do.	1			Tex.
<i>Exilianus obscurinervis</i> (Stal) (Cicadellidae):					
Orchid.....	do.		1		Tex.
<i>Erptochiamera minima</i> (G.-M.) (Lygaeidae):					
<i>Ananas comosus</i> (pineapple).....	do.		1		Tex.
<i>Capsicum frutescens</i> (pepper).....	do.		1		Tex.
<i>Cattleya gigas</i> (orchid).....	Colombia			1	Calif.*
<i>Cattleya mendeli</i>	do.			1	Calif.*

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<i>Erptochiomeria minima</i> —Continued					
<i>Cattleya mossiae</i>	Venezuela.....	—	—	2	Calif.*
<i>Cattleya schroederiana</i>	Colombia.....	—	—	1	Calif.*
<i>Cattleya trianae</i>	do.....	—	—	1	Calif.*
<i>Cattleya</i> sp.....	Colombia, Venezuela.....	—	—	2	N. J., Wash.
<i>Epidendrum</i> sp. (orchid).....	Costa Rica.....	—	—	1	Tex.
<i>Lycaste</i> sp. (orchid).....	Guatemala.....	—	—	1	Calif.*
Unidentified plant.....	Mexico.....	1	—	—	Tex.
<i>Erptochiomeria oblonga</i> (Stal) (Lygaeidae):					
<i>Gossypium</i> sp. (seed cotton).....	Salvador.....	1	—	—	Tex.
<i>Laelia anceps</i> (orchid).....	Mexico.....	—	—	1	Tex.
<i>Lycopersicon esculentum</i> (tomato).....	do.....	1	—	—	Ariz.
<i>Pinus</i> sp. (pine).....	do.....	1	—	—	Tex.
<i>Zea mays</i> (corn).....	do.....	1	—	—	Tex.
<i>Erptochiomeria tumens</i> (Stal) (Lygaeidae):					
<i>Cattleya</i> sp. (orchid).....	Venezuela.....	—	—	1	N. J.
<i>Forcipomyia raleighi</i> Macfie (Heleidae):					
<i>Lilium</i> sp.....	Mexico.....	—	—	1	Tex.
<i>Forficula auricularia</i> L. (Forficulidae):					
<i>Brassica oleracea capitata</i> (cabbage).....	England.....	—	1	—	Tex.
Clothing.....	Soldier's mail.....	1	—	—	Ga.
<i>Hyacinthus</i> sp.....	Netherlands.....	—	—	1	N. Y.
<i>Narcissus</i> sp.....	do.....	—	—	2	N. Y.
<i>Scilla</i> sp.....	do.....	—	—	1	N. Y.
Soil around rhododendron.....	England.....	—	—	1	N. J.
Sod ballast.....	Scotland.....	1	—	—	N. Y.
<i>Tulipa</i> sp.....	Netherlands.....	—	—	5	N. Y.
<i>Frankliniella bratleyi</i> Wats. (Thripidae):					
<i>Gladiolus</i> sp.....	Mexico.....	1	—	—	Tex.
<i>Pollanthes tuberosa</i> (tuberos).....	do.....	1	—	—	Tex.
<i>Pollanthes</i> sp.....	do.....	—	—	1	Tex.
<i>Frankliniella cephalica</i> (Crawf.) (Thripidae):					
<i>Dianthus</i> sp. (carnation).....	do.....	1	—	—	Tex.
<i>Gardenia augusta</i> (Cape-jasmine).....	do.....	1	—	—	Tex.
<i>Gladiolus</i> sp.....	do.....	2	—	—	Tex.
<i>Lactuca sativa</i> (lettuce).....	do.....	1	—	—	Tex.
<i>Pollanthes tuberosa</i> (tuberos).....	do.....	1	—	—	Tex.
<i>Rosa</i> sp.....	do.....	2	1	—	Tex.
<i>Frankliniella insularis</i> (Frank.) (Thripidae):					
<i>Dianthus</i> sp. (carnation).....	Venezuela.....	1	—	—	Fla.*
<i>Gardenia augusta</i> (Cape-jasmine).....	Cuba.....	1	—	—	Fla.*
<i>Rosa</i> sp.....	Mexico.....	1	—	—	Fla.*
<i>Frankliniella minuta</i> (Mlt.) (Thripidae):					
<i>Cattleya dowiana</i> (orchid).....	Costa Rica.....	—	—	1	Calif.*
<i>Chrysanthemum</i> sp.....	Mexico.....	1	—	—	Tex.
<i>Dianthus</i> sp. (carnation).....	do.....	1	—	—	Tex.
<i>Gladiolus</i> sp.....	do.....	1	—	—	Tex.
Orchid.....	do.....	—	—	2	Tex.
<i>Frankliniella moultoni</i> Hood (Thripidae):					
<i>Pinus</i> sp. (pine).....	British Columbia.....	1	—	—	Wash.
<i>Fulvius fuscans</i> Dist. (Miridae):					
<i>Odontoglossum grande</i> (orchid).....	Guatemala.....	—	—	1	Calif.*
<i>Fundella pellucens</i> Zell. (Phycitidae):					
<i>Cajanus cajan</i> (pigeonpea).....	Puerto Rico.....	4	—	—	Fla.*
<i>Furcaspis biformis</i> (Ckll.) (Coccidae):					
<i>Brassavola nodosa</i> (orchid).....	Canal Zone, Panama.....	—	—	2	Calif.*, Tex.
<i>Cattleya dowiana</i> (orchid).....	Canal Zone.....	—	—	1	Tex.
<i>Cattleya gigas</i> (orchid).....	Colombia.....	—	—	3	Calif.*
<i>Cattleya lueddemanniana</i>	Venezuela.....	—	—	1	Calif.*
<i>Cattleya percivaliana</i>	do.....	—	—	2	Calif.*
<i>Cattleya trianae</i>	Colombia.....	—	—	1	Calif.*
<i>Cattleya</i> sp.....	Colombia, Costa Rica, Venezuela.....	—	—	9	Calif.*, N. J., P. R., Tex.
<i>Epidendrum atropurpureum</i> (orchid).....	Canal Zone, Panama.....	—	—	7	Calif.*, Tex.
<i>Epidendrum</i> sp.....	Colombia, soldier's mail.....	—	—	2	N. J.
<i>Oncidium confusum</i> (orchid).....	Canal Zone.....	—	—	4	Tex.
<i>Oncidium panamense</i>	do.....	—	—	1	Calif.*
Orchid.....	Ceylon, Puerto Rico.....	1	—	1	Fla., N. J.
<i>Vanda joaquimiae</i> (orchid).....	Hawaii.....	—	—	1	Calif.*
<i>Vanda teres</i>	Grenada.....	—	—	1	N. J.

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<i>Furcaspis oceanica</i> Lindgr. (Coccidae): <i>Cocos nucifera</i> (coconut)	Admiralty Island, Eniwetok Island, Marshall Islands, Palau Islands, South Pacific.	5	1		Calif.*
<i>Galgupha caerulea</i> Stal (Pentatomidae): Orchid	Mexico			1	Tex.
<i>Galgupha punctifer</i> McA.-M. (Pentatomidae): <i>Oncidium panamense</i> (orchid)	Canal Zone			1	Tex.
<i>Geonethus semilivis</i> (Sign.) (Cydnidae): <i>Lycopersicon esculentum</i> (tomato)	Mexico	1			Tex.
<i>Gerstaeckeria mutillaria</i> Gerst. (Curulionidae): Cactus	do			1	Tex.
<i>Glyphonyx praecox</i> Er. (Elateridae): <i>Solanum tuberosum</i> (potato)	do	1			Tex.
<i>Glyptina nivalis</i> Horn (Chrysomelidae): <i>Chrysanthemum</i> sp.	do	1			Tex.
<i>Gnorimoschema gudmannella</i> (Wism.) (Gelechiidae): <i>Capsicum frutescens</i> (pepper)	Cuba, Mexico	21	1		Ariz., La., Tex.
<i>Lycopersicon esculentum</i> (tomato)	Mexico	1			Tex.
<i>Gnorimoschema lavernella</i> (Chamb.) (Gelechiidae): <i>Physalis</i> sp. (husk tomato)	do	13			Tex.
<i>Gnorimoschema plaesiosoma</i> (Turner) (Gelechiidae): <i>Solanum tuberosum</i> (potato)	Chile		1		La.
<i>Gracilaria azaleella</i> (Brants) (Gracilariidae): <i>Rhododendron indicum</i> (azalea)	Belgium			1	N. J.
<i>Rhododendron</i> sp. (azalea)	Belgium, Netherlands			12	N. J.
<i>Grapholita molesta</i> (Busck) (Olethreutidae): <i>Malus sylvestris</i> (apple)	Mexico	1			Tex.
<i>Prunus persica</i> (peach)	Mexico (?)	1			Tex.
<i>Grapholita saltitans</i> (Westw.) (Olethreutidae): <i>Sebastiania panoniana</i> (Mexican jumping bean)	Mexico	1			Tex.
<i>Gymnandrosoma aurantianum</i> Da Costa Lima (?) (Olethreutidae): <i>Citrus sinensis</i> (orange)	Brazil		1		Mass.
<i>Haplothrips cottei</i> (Vuillet.) (Phlaeothripidae): <i>Dianthus</i> sp. (carnation)	Greece	1			N. Y.
<i>Haplothrips gowdeyi</i> (Frankl.) (Thripidae): <i>Gladiolus</i> sp.	Mexico	1			Tex.
<i>Polianthes tuberosa</i> (tuberose)	do	1			Tex.
<i>Heliodines bella</i> (Chamb.) (Heliodinidae): <i>Portulaca oleracea</i> (purslane)	do	30			Ariz., Tex.
<i>Heliothis subflexa</i> (Gn.) (Phalaenidae): <i>Cajanus cajan</i> (pigeonpea)	Puerto Rico	2			N. Y., P. R.
<i>Physalis</i> sp. (husk tomato)	Mexico	11			Tex.
<i>Hermesia illucens</i> (L.) (Stratiomyidae): <i>Persea americana</i> (avocado)	Hawaii		1		Calif.*
<i>Heterarthron plicatum</i> (Lec.) (Bostrichidae): Hardwood log	Mexico	1			Wash.
<i>Heterobostrychus aequalis</i> (Waterh.) (Bostrichidae): Plywood	India	3			Ill., Ohio.
Wood	do	6			N. J.
<i>Hofmannophila pseudospretella</i> (Staint.) (Oecophoridae): Bulb	Netherlands			1	N. J.
<i>Chionodoxa</i> sp.	do			1	N. Y.
<i>Gladiolus</i> sp.	do			2	N. J., N. Y.
Hay	Unknown	1			Tex.
<i>Helenium</i> sp.	Netherlands			1	N. J.
<i>Hyacinthus</i> sp.	do			2	Calif.,* La.
<i>Leptospermum scoparium</i>	New Zealand			1	Calif.*
<i>Meconopsis</i> sp.	Ireland			1	N. J.
<i>Tulipa</i> sp.	Netherlands, soldier's mail	1		1	Calif.,* Ky.
<i>Holosternus distans</i> Sharp (Cryptogagidae): <i>Rosa</i> sp.	Mexico	1			Tex.
<i>Homoeosoma electellum</i> (Hbst.) (Phycitidae): Flower	do	3			Tex.

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<i>Hylurgops palliatus</i> (Gyll.) (Scolytidae):					
Pinus sp. (pine).....	Sweden.....	1			N. Y.
<i>Hysipyla grandella</i> (Zell.) (Phycitidae):					
Hardwood log.....	Mexico.....	1			Calif.*
<i>Swietenia mahagoni</i> (mahogany).....	do.....	1			Wash.
<i>Iridomyrmex humilis</i> Mayr. (Formicidae):					
Castanea sp. (chestnut).....	Portugal.....	1			Pa.
Vitis sp. (grape).....	Union of South Africa.....	1			Mass.
<i>Iridomyrmex iniquus</i> Mayr. (Formicidae):					
Cattleya sp. (orchid).....	Colombia, Venezuela.....			4	N. J.
<i>Iridomyrmex iniquus nigella</i> Emery (Formicidae):					
Cattleya mossiae (orchid).....	Venezuela.....		1		Calif.*
Cattleya trianae.....	Colombia.....		1		Calif.*
Epidendrum sp. (orchid).....	Guatemala.....		1		Calif.*
Lycaste sp. (orchid).....	do.....		1		Calif.*
Miltonia endresii (orchid).....	Costa Rica.....		1		Calif.*
Odontoglossum schlieperianum (orchid).....	do.....		1		Calif.*
<i>Jornandes intermedius</i> Dist. (Miridae):					
Rosa sp.....	Mexico.....		1		Tex.
<i>Kaloterme clevelandi</i> Snyder (Kalotermitidae):					
Guajacum officinale (lignum vitae).....	Guatemala.....	1			Calif.*
<i>Kaloterme jouteli</i> Banks (Kalotermitidae):					
Guajacum officinale (lignum vitae).....	Mexico.....	1			Calif.*
<i>Kaloterme nigrinus</i> Snyder (Kalotermitidae):					
Brosimum alicastrum (Ramon breadnut tree).....	Guatemala.....	1			Wash.
<i>Kaloterme snyderi</i> Light (Kalotermitidae):					
Guajacum officinale (lignum vitae).....	do.....	1			Calif.*
<i>Lamprodema maurum</i> (F.) (Lygaeidae):					
Wood.....	Portugal.....	1			N. Y.
<i>Laspeyresia splendana</i> (Hbn.) (Olethreutidae):					
Castanea sp. (chestnut).....	Belgium, England, Italy, Portugal, soldier's mail.	8			Colo., Ohio, Pa., Wash.
<i>Lathridius bergrothi</i> Reitt. (Lathridiidae):					
Grass.....	Soldier's mail.....	1			N. Y.
Hay.....	do.....	1			Tex.
<i>Lathridius nodifer</i> Westw. (Lathridiidae):					
Cattleya sp. (orchid).....	Colombia.....			1	Tex.
Daphne sp.....	Netherlands.....			1	N. J.
Gladiolus sp.....	Mexico.....			2	Tex.
Hyacinthus sp.....	Netherlands.....			3	N. Y.
Orchid.....	Mexico.....			2	Tex.
<i>Lema quinquevittata</i> Clark (Chrysomelidae):					
Orchid.....	do.....			1	Tex.
<i>Leperisinus frazzini</i> (Panz.) (Scolytidae):					
Frazinus sp. (ash).....	England.....	3			N. Y.
<i>Lepidosaphes alba</i> (Ckll.) (Coccidae):					
Manihot esculenta (cassava).....	Cuba.....	1			Fla.*
<i>Lepidosaphes ficus</i> (Sign.) (Coccidae):					
Ficus carica (fig).....	Algeria, Tunisia.....			2	D. C.
<i>Lepidosaphes pallida</i> Green (Coccidae):					
Juniperus sp. (juniper).....	Japan.....	1			Wash.
<i>Lepidosaphes philococcus</i> (Ckll.) (Coccidae):					
Acanthocereus subinermis (cactus).....	Mexico.....			1	Tex.
Cactus.....	do.....			2	Tex.
Cereus marginatus (cactus).....	do.....			1	Tex.
Lemaireocereus claudatus (cactus).....	do.....			1	Tex.
Lemaireocereus stellatus (cactus).....	do.....			1	Tex.
Lemaireocereus sp.....	do.....			1	Tex.
Myrtillocactus grandiaureolatus (cactus).....	do.....			1	Tex.
Thelocactus saussieri (cactus).....	do.....			1	Tex.
<i>Lepidosaphes punicea</i> Laing (Coccidae):					
Litchi philippinensis (lychee).....	Honduras.....			1	D. C.
<i>Lepidosaphes tokionis</i> (Kuwn.) (Coccidae):					
Codiaeum sp. (croton).....	Hawaii, Puerto Rico.....	2			Calif.,* Fla.*
<i>Lepidosaphes tuberculata</i> (Malen) (Coccidae):					
Cymbidium sp. (orchid).....	England, India, Japan.....			11	Calif.,* N. J.
<i>Leptipsius striatus</i> (Lec.) (Monotomidae):					
Zea mays (corn).....	Mexico.....	3			Tex.

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<i>Leptoglossus chilensis</i> Spinola (Coreidae):					
<i>Vitis</i> sp. (grape)	Chile	1			N. Y.
<i>Leucaspis cockerelli</i> (deCharmoy) (Coccidae):					
<i>Citrus paradisi</i> (grapefruit)	West Indies		1		Calif.*
<i>Citrus sinensis</i> (orange)	Panama		1		Calif.
<i>Cocos nucifera</i> (coconut)	Hawaii	1			Calif.*
<i>Vanda</i> sp. (orchid)	Jamaica			1	N. J.
<i>Leucinodes elegantalis</i> Gn. (Pyraustidae):					
<i>Lycopersicon esculentum</i> (tomato)	Mexico	98			Tex.
<i>Solanum melongena</i> (eggplant)	do.	1			Tex.
<i>Leucopoeila albofasciata</i> Reuter (Miridae):					
<i>Brassica oleracea gongylodes</i> (kohlrabi)	do.	1			Tex.
<i>Lactuca sativa</i> (lettuce)	do.		1		Ariz.
<i>Lycopersicon esculentum</i> (tomato)	do.	1			Ariz.
<i>Leucoptera coffeella</i> (Guer.) (Lyonetiidae):					
<i>Coffea</i> sp.	do.	2			Tex.
<i>Ligyrocoris abdominalis</i> (G.-M.) (Lygaeidae):					
<i>Lactuca sativa</i> (lettuce)	Cuba	1			P. R.
<i>Ligyrocoris aurivilliana</i> Dist. (Lygaeidae):					
<i>Allium cepa</i> (onion)	Mexico	1			Tex.
<i>Lycopersicon esculentum</i> (tomato)	do.	1			Tex.
<i>Ligyrocoris litigiosus</i> Stal (Lygaeidae):					
<i>Laelia superbiens</i> (orchid)	Guatemala			1	Calif.*
<i>Lineodes integra</i> (Zell.) (Pyraustidae):					
<i>Lycopersicon esculentum</i> (tomato)	Mexico	1			Tex.
<i>Liorhyssus hyalinus</i> (F.) (Coreidae):					
<i>Lactuca sativa</i> (lettuce)	do.	2			Ariz., Tex.
<i>Liothrips vaneeckei</i> Pr. (Thripidae):					
<i>Lilium</i> sp.	France			5	N. Y.
<i>Liriomyza pusilla</i> (Meig.) (Agromyzidae):					
<i>Lycopersicon esculentum</i> (tomato)	Mexico	1			Tex.
<i>Lophocateres pusillus</i> (Klug.) (Ostomidae):					
<i>Oryza sativa</i> (rice)	Brazil, Colombia	1	1		Fla.,* Tex.
<i>Phaseolus limensis</i> (lima bean)	India	1			N. Y.
Wood	Morocco	1			N. Y.
<i>Zea mays</i> (corn)	Mexico	2			Tex.
<i>Lygaeus analis</i> Dallas (Lygaeidae):					
<i>Lycopersicon esculentum</i> (tomato)	do.	4			Tex.
<i>Lygaeus vittiscutis</i> Stal (Lygaeidae):					
<i>Laelia anceps</i> (orchid)	do.			1	Tex.
<i>Odontoglossum grande</i> (orchid)	Guatemala			1	Tex.
Orchid	Mexico			1	Tex.
<i>Lygus elisus</i> Van Duzee (Miridae):					
<i>Beta vulgaris</i> (beet)	do.	1			Tex.
<i>Brassica</i> sp. (mustard)	do.	2			Tex.
<i>Raphanus sativus</i> (radish)	do.	2			Tex.
<i>Lygus hesperus</i> Knight (Miridae):					
<i>Brassica</i> sp. (mustard)	do.	1			Tex.
<i>Lygus obtineatus</i> (Say) (Miridae):					
<i>Brassica</i> sp. (mustard)	do.	4			Tex.
<i>Lactuca sativa</i> (lettuce)	do.	1	1		Ariz.
<i>Rorippa nasturtium aquaticum</i> (watercress)	do.	1			Ariz.
<i>Lygus rubicundus</i> (Fall.) (Miridae):					
<i>Beta vulgaris</i> (beet)	do.	1			Tex.
<i>Brassica</i> sp. (mustard)	do.	1			Tex.
<i>Raphanus sativus</i> (radish)	do.	3			Tex.
<i>Lygus sallei</i> Stal (Miridae):					
Daisy	do.	1			Tex.
<i>Dianthus</i> sp. (carnation)	do.	1			Tex.
<i>Macrocephalus stali</i> Handl. (Phymatidae):					
Orchid	do.			1	Tex.
<i>Macrocoma aureovillosa</i> (Marshall) (Chrysomelidae):					
Grass	East Africa			1	D. C.
<i>Marmara opuntiaella</i> Busek (Pyraustidae):					
<i>Opuntia</i> sp. (cactus)	Mexico	1			Tex.
<i>Maruca testulalis</i> (Geyer) (Pyraustidae):					
<i>Cajanus cajan</i> (pigeonpea)	Puerto Rico	1			Fla.*
<i>Capsicum frutescens</i> (pepper)	Hawaii		1		Wash.

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<i>Maruca testulalis</i> —Continued					
<i>Phaseolus vulgaris</i> (kidney bean)	Hawaii		1		Calif.*
<i>Phaseolus</i> sp. (string bean)	Hawaii, Panama, Puerto Rico, Trinidad.	2	7		Calif., *La., Tex., Wash.
<i>Micrapate dinoderoides</i> (Horn) (Bostrichidae):					
<i>Prosopis</i> sp. (mesquite)	Mexico		1		Tex.
<i>Microtheca ochroloma</i> Stal (Chrysomelidae):					
<i>Vitis</i> sp. (grape)	Argentina	1			La.
<i>Mimosestes dominicanus</i> (Jekel) (Bruchidae):					
<i>Caesalpinia coriaria</i> (divi-divi)	Colombia, Dominican Republic, Mexico, Nicaragua.	7			La., N. Y., Tex.
<i>Minthea rugicollis</i> (Wlk.) (Lyctidae):					
<i>Cattleya mossiae</i> (orchid)	Venezuela			1	Calif.*
Grass hat	Soldier's mail	1			Wash.
Grass packing	do	1			Tex.
<i>Khaya</i> sp.	India (?)	2			La.
<i>Oryza sativa</i> (rice)	Soldier's mail	1			Tex.
Wood	do	2			N. Y.
<i>Zingiber officinale</i> (ginger)	Guatemala	1			La.
<i>Moodna bisinuella</i> Hamp. (Phycitidae):					
<i>Zea mays</i> (corn)	Mexico	17	1		Tex.
<i>Mordellistena cattleyana</i> Champ. (Mordellidae):					
<i>Cattleya</i> sp. (orchid)	Brazil, Colombia, Peru			5	Calif.*, N. J.
<i>Morganella longispina</i> (Morg.) (Coccidae):					
<i>Citrus sinensis</i> (orange)	Australia		1		Calif.*
<i>Nerium oleander</i> (oleander)	Bahamas	1			Fla.*
<i>Mormidea collaris</i> Dallas (Pentatomidae):					
Orchid	Mexico			1	Tex.
<i>Mormidea notulata</i> (H.-S.) (Pentatomidae):					
Orchid	do			3	Tex.
<i>Myelois ceratoniae</i> Zell. (Phycitidae):					
<i>Phoenix dactylifera</i> (date)	Palestine	1			N. Y.
<i>Myodocha longicollis</i> Stal (Lygaeidae):					
Orchid	Mexico			1	Tex.
<i>Myzus duffieldii</i> (Theob.) (Aphidae):					
<i>Crocus</i> sp.	Netherlands			1	N. J.
<i>Nabis alternatus</i> Parsh. (Nabidae):					
<i>Brassica</i> sp. (mustard)	Mexico	1			Tex.
<i>Nabis dentipes</i> Har. (Nabidae):					
Orchid	do			1	Tex.
<i>Nasutitermes nigricipes</i> (Hald.) (Termitidae):					
Orchid	do			1	Tex.
<i>Nemapogon granella</i> (L.) (Tineidae):					
<i>Agaricus campestris</i> (mushroom)	China Yugoslavia	3			D. C., Wash.
<i>Anemone</i> sp.	Netherlands	2			Mass.
<i>Tulipa</i> sp.	do			3	Mass., N. Y.
<i>Neoclytus cacticus</i> Chev. (Cerambycidae):					
<i>Guajacum officinale</i> (ignumvitae)	Guatemala	1			Calif.*
<i>Neodryocetes exquisitus</i> Blkm. (Scolytidae):					
Wood	Mexico	1			Wash.
<i>Neofurius carvalhoi</i> Da Costa Lima (Miridae):					
<i>Cattleya</i> sp. (orchid)	Venezuela			7	N. J.
<i>Neokolla heiroglyphica</i> (Say) (Cicadellidae):					
Flower	Mexico	1			Tex.
<i>Nicobium castaneum</i> (Oliv.) (Anobiidae):					
Cereal straw	Azores	1			N. Y.
<i>Nicobium castaneum hirtum</i> (Ill.) (Anobiidae):					
<i>Castanea</i> sp. (chestnut)	Bermuda	1			Md.
<i>Niptus hololeucus</i> (Fald.) (Ptinidae):					
<i>Calluna vulgaris</i> (heather)	Scotland	1			N. Y.
<i>Nysius calliger</i> Stal (Lygaeidae):					
<i>Zantedeschia aethiopica</i> (calla lily)	Mexico	1			Tex.
<i>Nysius minutus</i> Uhl. (Lygaeidae):					
<i>Beta vulgaris</i> (beet)	do	1			Tex.
<i>Beta vulgaris cicla</i> (Swiss chard)	do	1			Ariz.
<i>Brassica</i> sp. (mustard)	do	17			Tex.
<i>Lactuca sativa</i> (Lettuce)	do	14			Ariz.

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<i>Nysius minutus</i> —Continued					
<i>Portulaca oleracea</i> (purslane)	Mexico	2			Tex.
<i>Raphanus sativus</i> (radish)	do	8			Tex.
<i>Spinacia oleracea</i> (spinach)	do	1			Ariz.
<i>Nysius strigosus</i> Uhl. (Lygaeidae):					
<i>Chrysanthemum parthenium</i> (feverfew)	do	1			Tex.
<i>Medicago sativa</i> (alfalfa)	do	1			Tex.
<i>Oedancala bimaculata</i> (Dist.) (Lygaeidae):					
<i>Ananas comosus</i> (pineapple)	do	1			Tex.
<i>Oedionychis atroguttata</i> Jac. (Chrysomelidae):					
Orchid	do			4	Tex.
<i>Ogdoecosta catenulata</i> (Boh.) (Chrysomelidae):					
Orchid	do			1	Tex.
<i>Olibrus submaculatus</i> Sharp (Phlaeridae):					
<i>Ananas comosus</i> (pineapple)	do	1			Tex.
<i>Oosternum costatum</i> Sharp (Hydrophilidae):					
Orchid	do			1	Tex.
<i>Orectis rugosa</i> (Boh.) (Chrysomelidae):					
Orchid	do			1	Tex.
<i>Orthesia cataphracta</i> Shaw (Coccidae):					
<i>Sedum</i> sp.	Greenland			1	Mass.
<i>Oxythreya funesta</i> (Poda) (Scarabaeidae):					
Sand ballast	Algeria	2			Tex.
<i>Ozophora consanguineus</i> (Dist.) (Lygaeidae):					
Orchid	Mexico			1	Tex.
<i>Pachybrachis utaeus</i> Fall (Chrysomelidae):					
<i>Lycopersicon esculentum</i> (tomato)	do	1			Ariz.
<i>Pachybrachius basalis</i> (Dallas) (Lygaeidae):					
<i>Ananas comosus</i> (pineapple)	Cuba	1			La.
Orchid	Mexico			2	Tex.
<i>Pachybrachius servillei</i> (G.-M.) (Lygaeidae):					
<i>Cattleya</i> sp. (orchid)	Venezuela			1	Wash.
<i>Pachybrachius vinctus</i> (Say) (Lygaeidae):					
Airplane	Mexico		1		Tex.
<i>Ananas comosus</i> (pineapple)	do	1			Tex.
<i>Pachygrontha oedancalodes</i> Stal (Lygaeidae):					
Orchid	do			3	Tex.
<i>Palaeopus costicollis</i> Marsh. (Curculionidae):					
<i>Dioscorea</i> sp. (yam)	Jamaica	3			Fla.,* N. Y., S. C.
<i>Pantomorus godmani</i> (Crotch) (Curculionidae):					
Soil around plant	Azores			1	N. J.
<i>Paragonatas divergens</i> (Dist.) (Lygaeidae):					
<i>Lycaste</i> sp. (orchid)	Canal Zone			1	Tex.
<i>Parallelodiplosis cattleyae</i> Moll. (Itonididae):					
<i>Cattleya</i> sp. (orchid)	Venezuela			1	Calif.*
<i>Parlatoria camelliae</i> Comst. (Coccidae):					
<i>Camellia japonica</i> (camellia)	Switzerland			1	N. Y.
<i>Parlatoria chinensis</i> (Marl.) (Coccidae):					
<i>Malus</i> sp.	Japan			1	Calif.*
<i>Parlatoria cinerea</i> Hadden (Coccidae):					
<i>Citrus aurantifolia</i> (sour lime)	Paraguay	1			Fla.*
<i>Citrus sinensis</i> (orange)	Brazil, Marquesas Island.		2		Calif.,* Fla.*
<i>Parlatoria citri</i> McKenzie (Coccidae):					
<i>Citrus aurantifolia</i> (lime)	New Guinea		1		Calif.*
<i>Citrus grandis</i> (pummelo)	Malaysia		1		Calif.*
<i>Parlatoria crotonis</i> Douglas (Coccidae):					
<i>Codiaeum</i> sp. (croton)	Jamaica	1			Fla.*
<i>Parlatoria oleae</i> (Colv.) (Coccidae):					
<i>Diospyros</i> sp. (persimmon)	Yugoslavia		1		N. Y.
<i>Malus sylvestris</i> (apple)	Italy		1		Pa.
<i>Pyrus communis</i> (pear)	Argentina, Italy	1	1		N. Y.
<i>Parlatoria pseudaspidiotus</i> (Lindg.) (Coccidae):					
<i>Cymbidium finlaysonianum</i> (orchid)	Philippines			1	Calif.*
Orchid	Soldier's mail			1	N. J.
<i>Vanda joaquimiae</i> (orchid)	Philippines			3	Calif.*
<i>Vanda teres</i>	India, Philippines, soldier's mail.			12	Calif.,* N. J.
<i>Vanda</i> sp.	Canal Zone, Philippines.			2	Calif.,* Tex.

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<i>Parlatoria theae</i> Ckll. (Coccidae):					
<i>Acer palmatum</i> (Japanese maple)	Japan			2	Calif.*
<i>Acer</i> sp.	do			2	Calif.,* N. Y.
<i>Malus</i> sp.	do			1	Calif.*
<i>Prunus</i> sp.	do			1	Wash.
<i>Parlatoria zizyphus</i> (Lucas) (Coccidae):					
<i>Citrus reticulata</i> (tangerine)	Algeria, China		2		Calif.,* Pa.
<i>Citrus sinensis</i> (orange)	Spain		1		Calif.,*
<i>Citrus</i> sp.	China		1		Calif.,*
<i>Pectinophora gossypiella</i> (Saund.) (Gelechiidae):					
<i>Gossypium</i> sp. (cotton boll)	Bahamas, Hawaii	2	1	1	Calif.,* Fla.*
<i>Gossypium</i> sp. (cotton; gin motes)	Argentina	1			Tex.
<i>Gossypium</i> sp. (cotton lint)	do	1			Tex.
<i>Gossypium</i> sp. (cottonseed)	Brazil, China (?), Cuba, Egypt, Hawaii, Mexico, soldier's mail.	14			Calif.,* Fla.,* Minn., N. Y., Ohio, Tex.
<i>Gossypium</i> sp. (seed cotton)	Mexico, soldier's mail	2			Fla.,* Tex.
<i>Gossypium</i> sp. (cotton)	Bahamas	1			Fla.,*
<i>Hibiscus esculentus</i> (okra)	Panama, Puerto Rico	1	1		Fla.,* Mass.
<i>Pentodon punctatus</i> (Vill.) (Scarabaeidae):					
Sand ballast	Italy	1			Tex.
<i>Peregrinus maidis</i> (Ashm.) (Araeopidae):					
<i>Zea mays</i> (corn)	Mexico	1			Tex.
<i>Phaedrus maxima</i> (Lef.) (Chrysomelidae):					
Orchid	do			1	Tex.
<i>Pheidole megacephala</i> (F.) (Formicidae):					
<i>Apium graveolens</i> (celery)	Mozambique		1		Mass.
<i>Phenacaspis sandwicensis</i> Fullaway (?) (Coccidae):					
<i>Cocos nucifera</i> (coconut)	Hawaii	3			Calif.,*
<i>Phenacoccus gossypii</i> Towns. & Ckll. (Coccidae):					
<i>Pelargonium</i> sp. (geranium)	Mexico	1		2	Ariz., Tex.
<i>Phlyctinus callosus</i> Boh. (Curculionidae):					
<i>Malus sylvestris</i> (apple)	Union of South Africa	1			Mass.
<i>Vitis</i> sp. (grape)	do	1			Mass.
<i>Phyllobius pyri</i> (L.) (Curculionidae):					
<i>Agropyron repens</i> (quack grass)	Belgium	1			N. Y.
<i>Phyllotreta cruciferae</i> (Goeze) (Chrysomelidae):					
<i>Brassica oleracea botrytis</i> (cauliflower)	Italy		1		N. Y.
<i>Brassica oleracea capitata</i> (cabbage)	England		1		Pa.
<i>Physonota mexicana</i> Boh. (Chrysomelidae):					
Orchid	Mexico			1	Ariz.
<i>Phytomyza ilicis</i> Curt. (Agromyzidae):					
<i>Ilex aquifolium</i> (English holly)	British Columbia	1			Ohio
<i>Ilex</i> sp. (holly)	do	1		1	Minn., Wash.
<i>Pinnaspis buxi</i> (Bouche) (Coccidae):					
<i>Cocos nucifera</i> (coconut)	Hawaii	1			Calif.,*
Orchid	New Guinea, South Pacific.			2	Calif.,*
<i>Pityophthorus cribratus</i> Blkm. (Scolytidae):					
<i>Lycopersicon esculentum</i> (tomato)	Mexico	1			Ariz.
<i>Pinus</i> sp. (pine)	do	1			Ariz.
Unidentified bark	do	1			Ariz.
<i>Pityophthorus durus</i> Blkm. (Scolytidae):					
<i>Pinus</i> sp. (pine)	do	2			Ariz.
<i>Placosternus difficilis</i> (Chevr.) (Cerambycidae):					
Groceries	do	1			Tex.
<i>Plagioder aeneiventris</i> Stal (Chrysomelidae):					
Orchid	do			1	Tex.
<i>Plagioder semipittata</i> Stal (Chrysomelidae):					
Orchid	do			1	Tex.
<i>Platynota rostrana</i> (Wlk.) (Tortricidae):					
<i>Lycopersicon esculentum</i> (tomato)	do	1			Tex.
<i>Platynota stultana</i> (Wlsm.) (Tortricidae):					
<i>Beta vulgaris cicla</i> (Swiss chard)	do	1			Tex.
<i>Capsicum frutescens</i> (pepper)	do	97			Ariz., Tex.
<i>Lycopersicon esculentum</i> (tomato)	do	22			Ariz.
<i>Phaseolus</i> sp. (string bean)	do	1			Ariz.

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<i>Platypus rugulosus</i> Chap. (Platypodidae):					
<i>Brosimum alicastrum</i> (ramon breadnuttree).....	Guatemala.....	1			Calif.*
<i>Cyblastar donnell-smithi</i> (primavera).....	Guatemala, Mexico.....	5			Calif.,* La.
<i>Guajacum officinale</i> (lignumvitae).....	Guatemala.....	1			Calif.*
Hardwood log.....	Mexico.....	1			Calif.*
Unidentified log.....	Guatemala, Mexico.....	3			Calif.,* Tex., Wash.
Unidentified wood.....	Mexico.....	1			Ariz.
<i>Phyza scabiei</i> (Hopk.) (Fungivoridae):					
<i>Lilium longiflorum</i> (Easter lily).....	do.....			5	Tex.
<i>Lilium</i> sp.....	do.....			3	Tex.
" <i>Poliaspis</i> " <i>pini</i> Mask. (Coccidae):					
<i>Pinus</i> sp. (pine).....	Japan.....			2	N. J., Wash.
<i>Poronotus constrictus</i> (Stal) (Anthecoridae):					
Bamboo.....	Mexico.....	1			Ariz.
<i>Cattleya mossiae</i> (orchid).....	Venezuela.....			1	Calif.*
Straw hat.....	Service mail.....	1			Wash.
<i>Prodenia ornithogalli</i> Gn. (Phalaenidae):					
<i>Gladiolus</i> sp.....	Mexico.....	1			Tex.
<i>Prosopodonta balyi</i> Weise (Chrysomelidae):					
Orchid.....	Costa Rica.....			1	Tex.
<i>Protopulvinaria pyriformis</i> Ckll. (Coccidae):					
<i>Gardenia augusta</i> (Cape-jasmine).....	Costa Rica, Cuba, Puerto Rico, Venezuela, Venezuela.....	21	2		Fla.*
<i>Rosa</i> sp.....	Trinidad.....	1			Fla.*
<i>Sanchezia</i> sp.....	Trinidad.....	1			Fla.*
<i>Pseudoaonidia tessera</i> (de Charmoy) (Coccidae):					
<i>Bougainvillea</i> sp.....	Salvador.....			1	D. C.
<i>Cattleya trianae</i> (orchid).....	Colombia.....			1	Calif.*
<i>Pseudoaonidia trilobitiformis</i> Green (Coccidae):					
<i>Prunus</i> sp.....	British Guiana.....	1			Fla.*
<i>Pseudischinaspis alienus</i> (Newst.) (Coccidae):					
<i>Cattleya skinneri</i> (orchid).....	Costa Rica, Guatemala.....			3	Calif.,* Tex.
<i>Cattleya skinneri alba</i>	Costa Rica.....			1	N. J.
<i>Cattleya</i> sp.....	do.....			1	N. J.
<i>Cymbidium</i> sp. (orchid).....	Mexico.....			1	Tex.
<i>Epidendrum fragrans</i> (orchid).....	do.....			1	Calif.*
<i>Epidendrum</i> sp.....	Nicaragua, Orient.....			5	Calif.,* N. J.
Orchid.....	Mexico.....			2	Tex.
<i>Pseudischinaspis bowreyi</i> (Ckll.) (Coccidae):					
<i>Psidium guajava</i> (guava).....	Puerto Rico.....	1			Fla.*
<i>Rosa</i> sp.....	do.....	1			Fla.*
<i>Pseudococcus bontinis</i> (Kuw.) (Coccidae):					
<i>Saccharum officinarum</i> (sugarcane).....	Cuba.....	2			Fla.*
<i>Pseudococcus palmarum</i> (Ehrh.) (Coccidae):					
<i>Cocos nucifera</i> (coconut).....	Hawaii, South Pacific, Ulithi, Hawaii.....	5	1	1	Calif.*
<i>Cocos</i> sp. (palm).....	Hawaii.....			1	Calif.*
<i>Pseudoparlatoria ostrea</i> (Ckll.) (Coccidae):					
<i>Bryophyllum</i> sp.....	Jamaica.....			1	N. J.
<i>Carica papaya</i> (papaya).....	Cuba.....			1	Fla.*
<i>Cattleya bourringiana</i> (orchid).....	Guatemala.....			1	Calif.*
<i>Cattleya gaskelliana</i>	Venezuela.....			2	Calif.*
<i>Cattleya mossiae</i>	do.....			1	Calif.*
<i>Cattleya peruviana</i>	do.....			1	Calif.*
<i>Epidendrum pentotis</i>	Guatemala.....			1	Calif.*
<i>Epidendrum</i> sp. (orchid).....	do.....			1	Calif.*
<i>Lycaste skinneri</i> (orchid).....	do.....			1	Calif.*
<i>Odontoglossum grande</i> (orchid).....	do.....			3	Calif.*
<i>Oncidium cavendishianum</i> (orchid).....	do.....			2	Calif.*
<i>Oncidium ventworthianum</i> (orchid).....	do.....			1	Calif.*
<i>Pseudoparlatoria serrulata</i> Towns. & Ckll. (Coccidae):					
Succulent stem.....	Mexico.....			1	N. J.
<i>Psila rosae</i> (F.) (Psilidae):					
<i>Apium graveolens</i> (celery).....	Norway.....			1	Pa.
<i>Daucus carota sativa</i> (carrot).....	England.....			3	Ala., N. Y., Tex.

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<i>Psychoda alternata</i> Say (Psychodidae):					
<i>Lathyrus odoratus</i> (sweetpea)	Mexico	1			Tex.
Plant litter	do		2		Tex.
<i>Psychoda severini</i> Tonm. (Psychodidae):					
<i>Colocasia esculenta</i> (inhame)	Portugal	1			N. Y.
<i>Solanum tuberosum</i> (potato)	England		1		Pa.
<i>Psylliodes chrysocephala</i> F. (Chrysomelidae):					
<i>Brassica napobrassica</i> (rutabaga)	do		1		Mass.
<i>Brassica rapa</i> (turnip)	do		3		N. Y., Pa.
<i>Ptenidium fuscicorne</i> Er. (Ptiliidae):					
<i>Galanthus</i> sp.	do			1	Calif.*
<i>Ptinus ocellus</i> Brown (Ptinidae):					
<i>Cattleya dowiana</i> (orchid)	Costa Rica			1	Calif.*
<i>Pulvinaria psidii</i> Mask. (Coccidae):					
<i>Gardenia augusta</i> (Cape-jasmine)	Costa Rica, Cuba, Mexico, Puerto Rico	4			Fla.,* Tex.
<i>Psidium guajava</i> (guava)	Puerto Rico	2			Fla.*
<i>Pyrausta nubilalis</i> (Hbn.) (Pyraustidae):					
<i>Capsicum frutescens</i> (pepper)	Spain		1		Pa.
<i>Pyroderces stigmatophora</i> (Wlsm.) (Cosmopterygidae):					
<i>Ananas comosus</i> (pineapple)	Cuba	2			N. Y.
<i>Renocis meriacus</i> Blkm. (Scolytidae):					
Pottery	Mexico	1			Tex.
Wooden crate	do	3			Ariz., Tex., Wash.
<i>Rhagoletis pomonella</i> (Walsh) (Tephritidae):					
<i>Crataegus</i> sp. (tejocote)	do		1		Ariz.
<i>Malus sylvestris</i> (apple)	do		1		Tex.
<i>Rhagoletis striatella</i> Wulp (Tephritidae):					
<i>Physalis</i> sp. (husk tomato)	do	18			Tex.
<i>Rhopalophora incrustata</i> Chevr. (Cerambycidae):					
Unidentified wood	do	2			Mass.
<i>Rhopalosiphoninus latysiphon</i> (David.) (Aphidae):					
<i>Gladiolus</i> sp.	Netherlands			1	N. J.
<i>Tulipa</i> sp.	England, Netherlands			4	N. J., N. Y., Wash.
<i>Viola</i> sp. (violet)	England			1	N. J.
<i>Rhopalosiphoninus tulipaellus</i> (Theob.) (Aphidae):					
<i>Gladiolus</i> sp.	Netherlands			1	Calif.*
<i>Iris</i> sp.	England			1	N. J.
<i>Tigridia</i> sp.	Netherlands	1			Pa.
<i>Tulipa</i> sp.	Belgium, England (?), Netherlands	1	1	4	Calif.,* N. J., Ohio, Pa., Wash.
<i>Ribua innozia</i> Hein. (Phycitidae):					
<i>Ananas comosus</i> (pineapple)	Cuba	17	1		La., N. Y., Tex.
<i>Scaphidium mexicanum</i> Cast. (Scaphidiidae):					
Orchid	Mexico			2	Tex.
<i>Scaphidium variabile</i> Matth. (Scaphidiidae):					
<i>Cattleya</i> sp. (orchid)	do			1	Tex.
<i>Lycaste</i> sp. (orchid)	Guatemala			1	Calif.*
Orchid	Mexico			3	Tex.
<i>Scarabaeus semipunctatus</i> F. (Scarabaeidae):					
Sand ballast	Algeria	1			Tex.
<i>Scolopocerus uhleri</i> Dist. (Coreidae):					
<i>Gossypium</i> sp. (cotton)	Mexico	1			Tex.
<i>Selenothrips rubrocinctus</i> (Giard) (Thripidae):					
<i>Theobroma cacao</i> (cacao)	Grenada	1			Fla.*
<i>Setomorpha insectella</i> (F.) (Tineidae):					
<i>Annona glabra</i> (pond-apple)	British Honduras			1	La.
<i>Setomorpha rutella</i> Zell. (Tineidae):					
<i>Cajanus cajan</i> (pigeonpea)	Jamaica	1			N. Y.
<i>Capsicum frutescens</i> (pepper)	Barbados	1			Mass.
<i>Cattleya mossiae</i> (orchid)	Venezuela			1	P. R.
<i>Cattleya</i> sp.	Colombia			1	N. J.
<i>Dahlia</i> sp.	Australia			1	Calif.*
<i>Dioscorea</i> sp. (yam)	St. Vincent	1			N. Y.
<i>Galanthus</i> sp.	Netherlands			1	N. Y.

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<i>Setomorpha rutella</i> —Continued					
<i>Gladiolus</i> sp.	Mexico	1		1	Tex.
Herb	Puerto Rico	1			N. Y.
<i>Lilium longiflorum</i> (Easter lily)	Mexico			1	Tex.
Orchid	do			1	Tex.
<i>Solanum tuberosum</i> (potato)	do		1		Tex.
<i>Sinorylon anale</i> Les. (Bostrichidae):					
<i>Oryza sativa</i> (rice)	India	1			N. Y.
Unidentified wood	do	1			N. J.
<i>Sinorylon conigerum</i> Gerst. (Bostrichidae):					
<i>Samanea saman</i> (raintree saman)	Hawaii	1			Calif.*
<i>Sinorylon serdentatum</i> (Oliv.) (Bostrichidae):					
Unidentified wood	Morocco, Portugal	2			N. Y.
<i>Sitona cambricus</i> Steph. (Curculionidae):					
<i>Ornithopus sativus</i> (serradella)	Portugal			1	D. C.
<i>Sitona lineata</i> (L.) (Curculionidae):					
<i>Narcissus</i> sp.	Netherlands			2	N. Y.
<i>Sizeonotus areolatus</i> Knight (Miridae):					
<i>Lactuca sativa</i> (lettuce)	Mexico	1			Tex.
<i>Sizeonotus luteiceps</i> Reuter (Miridae):					
Cactus	do			25	Tex.
<i>Mammillaria</i> sp. (cactus)	do			1	Tex.
<i>Sosylus terminalis</i> Sharp (Colydiidae):					
<i>Cybistax donnell-smithi</i> (primavera)	Guatemala	1			Calif.*
<i>Specularius erythrinae</i> Bridw. (Bruchidae):					
<i>Erythrina caffra</i> (coralbean)	Union of South Africa			1	N. J.
<i>Stegasta bosquella</i> (Chamb.) (Gelechiidae):					
<i>Pisum sativum</i> (pea)	Mexico		1		Tex.
<i>Stenoma catenifer</i> Wism. (Stenomidae):					
<i>Persea americana</i> (avocado)	Mexico, Guatemala, Sal- vador.	9	1		La., Tex.
<i>Stenarsus globosus</i> (Guer.) (Endomychidae):					
<i>Cattleya</i> sp. (orchid)	Venezuela			1	N. J.
<i>Stephanoderes guatemalensis</i> Hopk. (Scolytidae):					
Bean	Honduras	1			Ala.
<i>Stephanoderes lecontei</i> Hopk. (Scolytidae):					
<i>Arthrotylidium racemiflorum</i> (bamboo)	Mexico	2			Ariz.
<i>Zea mays</i> (corn)	do	1			Tex.
<i>Sternochetus mangiferae</i> F. (Curculionidae):					
<i>Mangifera indica</i> (mango)	Hawaii	1		2	Calif.*
<i>Mangifera</i> sp.	do	1			Calif.*
<i>Taeniothrips atratus</i> (Hal.) (Thripidae):					
<i>Calluna vulgaris</i> (heather)	Scotland	1			N. Y.
<i>Lavandula</i> sp. (lavender)	Canada	1			Wash.
<i>Sorbus</i> sp. (mountain ash)	Scotland	1			N. Y.
<i>Taeniothrips ericae</i> (Hal.) (Thripidae):					
<i>Calluna vulgaris</i> (heather)	England, Scotland	4			Ga., Md., N. Y.
<i>Taeniothrips hawaiiensis</i> (Morg.) (Thripidae):					
<i>Gardenia augusta</i> (Cape-jasmine)	Hawaii	1			Calif.*
<i>Heliconia collinisiana</i>	do	1			Calif.*
<i>Taeniothrips simplex</i> (Morg.) (Thripidae):					
<i>Chrysanthemum</i> sp.	Mexico	1			Tex.
<i>Dianthus</i> sp. (carnation)	Mexico, Puerto Rico, Venezuela.	6			Fla.,* Tex.
<i>Gladiolus</i> sp.	Argentina, Canada, Mexico.	14		48	La., N. J., N. Y., Tex.
<i>Iris</i> sp.	Mexico	1			La.
<i>Talponia batesi</i> Hein. (Olethreutidae):					
<i>Annona cherimola</i> (cherimoya)	do	3			Tex.
<i>Tanyemecus confusus</i> (Say) (Curculionidae):					
<i>Cichorium endivia</i> (endive)	do	1			Tex.
" <i>Targionia</i> " <i>bromiliae</i> (Leon.) (Coccidae):					
<i>Ananas comosus</i> (pineapple)	do	30			Tex.
" <i>Targionia</i> " <i>hartii</i> (Ckll.) (Coccidae):					
<i>Dioscorea</i> sp. (yam)	Antigua, Cuba, Jamaica, Virgin Islands.	4			Fla.,* N. Y.
<i>Xanthosoma</i> sp. (yautia)	Virgin Islands	1			N. Y.
<i>Zingiber officinale</i> (ginger)	Barbados, St. Vincent	3			N. Y.

List of pests (insects) collected and reported from July 1, 1945 to June 30, 1946 inclusive—Continued

[An asterisk indicates State inspection]

Insect and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
" <i>Targionia</i> " <i>quohogiformis</i> Merrill (Coccidae): <i>Ilex</i> sp.	Okinawa			1	Wash.
<i>Targionia sacchari</i> (Ckll.) (Coccidae): <i>Saccharum officinarum</i> (sugarcane)	Cuba, Haiti, Puerto Rico, soldier's mail.	10	1		Fla.*
<i>Teleonemia scrupulosa</i> Stal (Tingidae): <i>Mentha</i> sp. (mint)	Mexico	1			Tex.
<i>Tenthecoris bicolor</i> Scott (Miridae): <i>Cattleya pericaliana</i> (orchid)	Venezuela			1	N. J.
<i>Cattleya</i> sp.	Brazil, Colombia, Venezuela.			20	N. J.
<i>Cornus</i> sp.	Netherlands			1	N. J.
<i>Laelia</i> sp. (orchid)	Brazil			1	N. J.
<i>Oncidium</i> sp. (orchid)	do			2	N. J.
Orehid.	Brazil, Colombia	1		1	Fla.,* N. J.
<i>Sophrionitis grandiflora</i> (orchid)	Brazil			1	N. J.
<i>Tenthecoris exitiosus</i> (Dist.) (Miridae): <i>Cattleya</i> sp. (orchid)	Colombia			5	N. J., Tex.
Orehid.	do	1			Tex.
<i>Termes panamaensis</i> Snyder (Termitidae): <i>Guajacum officinale</i> (lignumvitae)	Mexico	1			Calif.*
<i>Tetraleurodes fici</i> Q. & B. (Aleyrodidae): <i>Olmediella</i> sp.	Guatemala			1	Calif.*
<i>Tetraleurodes mori</i> (Q.) (Aleyrodidae): <i>Citrus sinensis</i> (orange)	Mexico	2			Tex.
<i>Citrus</i> sp.	do	6			Ariz., Tex.
Herb.	do	1			Tex.
<i>Psidium guajava</i> (guava)	do	2			Ariz.
<i>Thevetia</i> sp.	do			1	Ariz.
<i>Tetrapriocera longicornis</i> (Oliv.) (Bostrichidae): Unidentified wood	Cuba, Mexico	2			Tex.
<i>Thrips angusticeps</i> Uzel (Thripidae): <i>Ranunculus</i> sp.	France	1			N. Y.
<i>Trialetrodes vaporariorum</i> (Westw.) (Aleyrodidae): <i>Achmenes</i> sp.	Canada			1	N. J.
<i>Trichobaris championi</i> Barber (Curculionidae): <i>Physalis</i> sp. (husk tomato)	Mexico	1			Tex.
<i>Trichobaris mucorea</i> (Lec.) (Curculionidae): <i>Solanum melongena</i> (eggplant)	do	1			Ariz.
<i>Trochoideus americanus</i> Buq. (Endomychidae): <i>Cattleya</i> sp. (orchid)	Colombia			1	N. J.
<i>Trogocylon spinifrons</i> Lesne (Lyctidae): Unidentified wood	India	2			N. J.
<i>Tychius griseus</i> Schaeff. (Curculionidae): <i>Iris sibirica</i> (Siberian iris)	Ontario			1	N. J.
<i>Tychius inermis</i> Csy. (Curculionidae): <i>Zea mays</i> (corn)	Mexico	1			Tex.
<i>Unaspis citri</i> (Comst.) (Coccidae): <i>Citrus paradisi</i> (grapefruit)	Cuba, Jamaica, Trinidad.	1	2		Fla.,* P.
<i>Citrus sinensis</i> (orange)	Costa Rica, Dominican Republic.	1	1		Fla.*
<i>Vasseletia vasseleti</i> (Boh.) (Brentidae): <i>Cybistax donnell-smithi</i> (primavera)	Mexico	1			Calif.*
<i>Vinsonia stellifera</i> (Westw.) (Coccidae): <i>Ancineta chrysantha</i>	Canal Zone			1	Calif.*
<i>Aspasia epidendroides</i> (orchid)	do			1	Calif.*
<i>Aspasia principissa</i>	do			1	Calif.*
Bay (?)	Dominican Republic		1		Fla.*
<i>Broughtonia</i> sp. (orchid)	Jamaica			1	N. J.
<i>Epidendrum anceps</i> (orchid)	Canal Zone			1	Calif.*
<i>Epidendrum atropurpureum</i>	do			1	Tex.
<i>Epidendrum ciliare</i>	Canal Zone, Panama			2	Calif.*
<i>Epidendrum</i> sp.	Canal Zone			1	Tex.
<i>Lycaste dowiana</i> (orchid)	do			1	Tex.
<i>Maxillaria</i> sp. (orchid)	do			1	Calif.*
<i>Musa paradisiaca sapientum</i> (banana)	Dominican Republic, Puerto Rico.	1	1		Fla.,*
Orehid.	Canal Zone			1	Calif.*

List of pests (insects) collected and reported from July 1, 1945 to June 30, 1946, inclusive—Continued

[An asterisk indicates State inspection]

Insect and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
<i>Vinsonia stellifera</i> —Continued					
<i>Peristeria elata</i> (orchid)	Canal Zone, Costa Rica			3	Calif.,* Tex.
<i>Pleurothallis tridentata</i> (orchid)	Canal Zone			1	Calif.,*
<i>Pleurothallis</i> sp.	do			2	Calif.,*
<i>Trigonidium seemanni</i> (orchid)	Soldier's mail			1	N. J.
<i>Voria ruralis</i> (Fallen) (Larvaevoridae):					
<i>Brassica oleracea capitata</i> (cabbage)	Mexico	1			Tex.
<i>Xylaplothrips subterraneus</i> Cwfd. (Phlaeothripidae):					
<i>Lilium</i> sp.	France			1	N. Y.
<i>Xyleborus affinis</i> Eichh. (Scolytidae):					
<i>Cybistax donnell-smithi</i> (primavera)	Mexico	2			N. Y.
<i>Gladiolus</i> sp.	do			1	Tex.
<i>Xyleborus confusus</i> Eichh. (Scolytidae):					
<i>Cedrus</i> sp. (cedar)	Canal Zone	1			N. Y.
<i>Cybistax donnell-smithi</i> (primavera)	Guatemala, Mexico	2			Calif.,* N. Y.
<i>Erythrina micropteryx</i>	Dominican Republic	1			D. C.
Slat	Mexico	1			Tex.
Undetermined log	do	1			Calif.,*
<i>Xylobiops parilis</i> Lesne (Bostrichidae):					
Bamboo	do	3			Ariz.
<i>Xylobiops texanus</i> (Horn) (Bostrichidae):					
<i>Allium cepa</i> (onion)	do	1			Tex.
<i>Citrus</i> sp.	do		1		Tex.
Palm	do		1		Tex.
<i>Pinus</i> sp. (pine)	do	1			Tex.
<i>Zea mays</i> (corn)	do	1			Tex.
<i>Xylomeira torquata</i> (F.) (Bostrichidae):					
<i>Zea mays</i> (corn)	do	1			Tex.
<i>Zabrotes subfasciatus</i> (Boh.) (Bruchidae):					
Bean	Brazil, Curacao, Guatemala, Mexico.	25	2		Ala., Ariz., N. Y., Tex.
<i>Cajanus cajan</i> (pigeonpea)	Salvador			1	D. C.
<i>Chrysanthemum</i> sp.	Mexico	1			Tex.
<i>Lycopersicon esculentum</i> (tomato)	do	1			Tex.
Orchid	do			1	Tex.
<i>Persea americana</i> (avocado)	do	1			Tex.
<i>Phaseolus vulgaris</i> (kidney bean)	Peru			2	D. C.
<i>Phaseolus</i> sp. (?)	Salvador	1			Calif.,*
<i>Zea mays</i> (corn)	Mexico	1			Tex.

Hosts and insects

ACACIA:

Acanthoscelides sallaei (?) (Coleoptera)

ACANTHOCEREUS: See Cactaceae

ACER:

Parlatoria theae (Homoptera)

ACHIMENES:

Trialeurodes vaporariorum (Homoptera)

ACHRAS:

Anastrepha serpentina (Diptera)

Asterolecanium pustulans (Homoptera)

AGARICUS:

Corecya cephalonica (Lepidoptera)

Nemapogon granella (Lepidoptera)

AGROPYRON:

Phyllobius pyri (Coleoptera)

ALLIUM CEPA:

Chaetopsis fulvifrons (Diptera)

Ligyrocoris aurivilliana (Hemiptera)

Xylobiops texanus (Coleoptera)

ALLIUM SATIVUM:

Aceria tulipae (Acarina)

Bitoma brevipes (Coleoptera)

ANACARDIUM:

Anastrepha mombinpraeoptans (Diptera)

ANANAS:

Agallissus lepturoides (Coleoptera)

Alpheias conspirata (Lepidoptera)

Chaetopsis debilis (Diptera)

Ereunetis flavistriata (Lepidoptera)

Exptochiomera minima (Hemiptera)

Oedancala bimaculata (Hemiptera)

Olibrus submaculatus (Coleoptera)

Pachybrachius basalis (Hemiptera)

Pachybrachius vinctus (Hemiptera)

Pyroderces stigmatophora (Lepidoptera)

Ribua innoxia (Lepidoptera)

"*Targionia*" *bromiliae* (Homoptera)

ANCISETA:

Vinsonia stellifera (Homoptera)

ANEMONE:

Endrosia lactella (Lepidoptera)

Nemapogon granella (Lepidoptera)

ANNONA:

Aspidiotus destructor (Homoptera)

Aspidiotus herculeanus (Homoptera)

Asterolecanium pustulans (Homoptera)

Setomorpha insectella (Lepidoptera)

Talponia batesi (Lepidoptera)

Hosts and insects—Continued

ANTHURIUM:

Chrysomphalus umboniferus (Homoptera)

APIUM:

Anuraphis apiifolia (Homoptera)
Pheidole megacephala (Hymenoptera)
Psila rosae (Diptera)

ARTHROSTYLIDUM:

Eucalandra setulosa (Coleoptera)
Stephanoderes lecontei (Coleoptera)

ARTOCARPUS:

Aspidiotus herculeanus (Homoptera)

ARUM:

Aleurothrixus floccosus (Homoptera)

ASPASIA: See Orchidaceae

BAMBOO:

Amphicerus cornutus (Coleoptera)
Asterolecanium bambusae (Homoptera)
Cyphosterna bicolor (Coleoptera)
Dialeurodes citri (Homoptera)
Dinoderus brevis (Coleoptera)
Dinoderus ocellaris (Coleoptera)
Eucalandra setulosa (Coleoptera)
Poronotus constrictus (Hemiptera)
Xylobiops parilis (Coleoptera)

BEGONIA:

Endrosia lactella (Lepidoptera)

BETA VULGARIS:

Lygus elisus (Hemiptera)
Lygus rubicundus (Hemiptera)
Nysius minutus (Hemiptera)

BETA VULGARIS CICLA:

Nysius minutus (Hemiptera)
Platynota stultana (Hemiptera)

BOUGAINVILLEA:

Pseudonidia tesseraea (Homoptera)

BRASSA VOLA. See Orchidaceae

BRASSICA NAPOBRASSICA:

Ceutorhynchus pleurostigma (Coleoptera)
Psylliodes chrysocephala (Coleoptera)

BRASSICA OLERACEA ACEPHALA:

Baris laticollis (Coleoptera)

BRASSICA OLERACEA BOTRYTIS:

Eurydema ornatum (Hemiptera)
Evergestis rimosalis (Lepidoptera)
Phyllotreta cruciferae (Coleoptera)

BRASSICA OLERACEA CAPITATA:

Aleyrodes brassicae (?) (Homoptera)
Barathra brassicae (Lepidoptera)
Ceutorhynchus quadridens (Coleoptera)
Evergestis forficatis (Lepidoptera)
Forficula auricularia (Dermaptera)
Phyllotreta cruciferae (Coleoptera)
Voria ruralis (Diptera)

BRASSICA OLERACEA GONGYLODES:

Leucopoeila albofasciata (Hemiptera)

BRASSICA RAPA:

Baris laticollis (Coleoptera)
Ceutorhynchus pleurostigma (Coleoptera)
Psylliodes chrysocephala (Coleoptera)

BRASSICA SP. (mustard):

Epilachna varivestis (Coleoptera)
Lygus elisus (Hemiptera)
Lygus hesperus (Hemiptera)
Lygus oblineatus (Hemiptera)
Lygus rubicundus (Hemiptera)
Nabis alternatus (Hemiptera)
Nysius minutus (Hemiptera)

BROMELIAD:

Asterolecanium epidendri (Homoptera)

BROSIMUM:

Kaloterms nigratus (Isoptera)
Platypus rugulosus (Coleoptera)

BROUGHTONIA. See Orchidaceae

BRYOPHYLLUM:

Pseudoparlatoria ostreata (Homoptera)

CACTACEAE:

Anelaphus spureus (Coleoptera)
Chelimidea vittiger aequoris (Hemiptera)
Eriococcus coccineus (Homoptera)
Gerstaeckeria mutillaria (Coleoptera)
Lepidosaphes philococcus (Homoptera)
Marmara opuntella (Lepidoptera)
Sizeonotus luteiceps (Hemiptera)

CAESALPINIA:

Mimosestes dominicanus (Coleoptera)

CAJANUS:

Acanthoscelides armitagei (Coleoptera)
Ancylostoma stercora (Lepidoptera)
Callosobruchus chinensis (Coleoptera)
Callosobruchus maculatus (Coleoptera)
Callosobruchus phaseoli (Coleoptera)
Catorama herbarium (Coleoptera)
Corcyra cephalonica (Lepidoptera)
Fundella pellucens (Lepidoptera)
Heliothis subflexa (Lepidoptera)
Maruca testulalis (Lepidoptera)
Setomorpha rutella (Lepidoptera)
Zabrotes subfasciatus (Coleoptera)

CALANTHUS:

Ptenidium fuscicorne (Coleoptera)

CALLUNA:

Niptus hololeucus (Coleoptera)
Taeniothrips atratus (Thysanoptera)
Taeniothrips ericae (Thysanoptera)

CAMELLIA:

Parlatoria camelliae (Homoptera)

CAPSICUM:

Arnelius albopunctatus (Hemiptera)
Ceratocapsus punctulatus (Hemiptera)
Dacus cucurbitae (Diptera)
Epilachna varivestis (Coleoptera)
Epitrix fasciatus (Coleoptera)
Erptochiomeria minima (Hemiptera)
Gnorimoschema gudmannella (Lepidoptera)
Marcua testulalis (Lepidoptera)
Platynota stultana (Lepidoptera)
Pyrausta nubilalis (Lepidoptera)
Setomorpha rutella (Lepidoptera)

CARICA:

Dacus cucurbitae (Diptera)
Pseudoparlatoria ostreata (Homoptera)

CASIMIROA:

Anastrepha ludens (Diptera)

CASSIA:

Aganactes indecora (Lepidoptera)
Caryedon fuscus (Coleoptera)

CASTANEA:

Iridomyrmex humilis (Hymenoptera)
Laspeyresia splendana (Lepidoptera)
Nicobium castaneum hirtum (Coleoptera)

CATTLEYA

See Orchidaceae

CEDRUS:

Xyleborus confusus (Coleoptera)

CEREUS. See Cactaceae

CHIONODOXA:

Hofmannophila pseudopretella (Lepidoptera)

CHRYSANthemum:

Frankliniella minuta (Thysanoptera)
Glyptina nivalis (Coleoptera)
Nysius strigosus (Hemiptera)
Taeniothrips simplex (Thysanoptera)
Zabrotes subfasciatus (Coleoptera)

CIBOTIUM:

Dryophthorus pusillus (Coleoptera)

CICER:

Callosobruchus chinensis (Coleoptera)
Callosobruchus maculatus (Coleoptera)

CICORIUM:

Tanymecus confusus (Coleoptera)

CITRUS AURANTIFOLIA:

Aleurocanthus woglumi (Homoptera)
Aleurothrixus floccosus (Homoptera)
Anastrepha ludens (Diptera)
Ceratitis capitata (Diptera)
Parlatoria cinerea (Homoptera)
Parlatoria citri (Homoptera)

CITRUS AURANTIUM:

Anastrepha ludens (Diptera)

CITRUS GRANDIS:

Parlatoria citri (Homoptera)

CITRUS LIMON:

Ceratitis capitata (Diptera)

CITRUS PARADISI:

Anastrepha fraterculus (Diptera)
Anastrepha ludens (Diptera)
Ceratitis capitata (Diptera)
Ceroplastes floridensis (Homoptera)
Dialeurodes citrifolii (Homoptera)
Leucaspis cockerelli (Homoptera)
Unaspis citri (Homoptera)

Hosts and insects—Continued

CITRUS RETICULATA:

- Anastrepha ludens* (Diptera)
- Ceratitis capitata* (Diptera)
- Parlatoria zizyphus* (Homoptera)

CITRUS SINENSIS:

- Anastrepha fraterculus* (?) (Diptera)
- Anastrepha ludens* (Diptera)
- Ceratitis capitata* (Diptera)
- Chionaspis yanonensis* (Homoptera)
- Gymnandrosoma aurantidum* (?) (Lepidoptera)
- Leucaspis cockerelli* (Homoptera)
- Morganella longispina* (Homoptera)
- Parlatoria cinerea* (Homoptera)
- Parlatoria zizyphus* (Homoptera)
- Tetraneura mori* (Homoptera)
- Unaspis citri* (Homoptera)

CITRUS SP.:

- Aleurocanthus woglumi* (Homoptera)
- Dialeurodes citrifolii* (Homoptera)
- Parlatoria zizyphus* (Homoptera)
- Tetraneura mori* (Homoptera)
- Xylobiops texanus* (Coleoptera)

COCOS:

- Aonidiella inornata* (Homoptera)
- Aspidiotus destructor* (Homoptera)
- Aspidiotus excisus* (Homoptera)
- Aspidiotus palmarum* (Homoptera)
- Aspidiotus spinosus* (Homoptera)
- Chrysomphalus personatus* (Homoptera)
- Diocalandra taitensis* (Coleoptera)
- Ereunetis flavistriata* (Lepidoptera)
- Furcaspis oceanica* (Homoptera)
- Leucaspis cockerelli* (Homoptera)
- Phenacaspis sandwicensis* (?) (Homoptera)
- Pinnaspis buxi* (Homoptera)
- Pseudococcus palmarum* (Homoptera)

CODIAEUM:

- Conchaspis angraei* (Homoptera)
- Lepidosaphes tokionis* (Homoptera)
- Parlatoria crotonis* (Homoptera)

COFFEA:

- Leucoptera coffeella* (Lepidoptera)

COLOCASIA:

- Psychoda severini* (Diptera)

CORDIA:

- Bitoma unicolor* (?) (Coleoptera)

CORNUS:

- Tentherocoris bicolor* (Hemiptera)

COTONEASTER:

- Ceroplastes floridensis japonicus* (Homoptera)

CRASSULACEAE:

- Aspidiotus herculeanus* (Homoptera)

CRATAEGUS:

- Rhagoletis pomonella* (Diptera)

CROCUS:

- Myzus duffieldii* (Homoptera)

CUCUMIS:

- Dacus cucurbitae* (Diptera)
- Diaphania hyalinata* (Lepidoptera)
- Diaphania nitidalis* (Lepidoptera)

CUCURBITA:

- Aretius albopunctatus* (Hemiptera)
- Dacus cucurbitae* (Diptera)
- Diaphania hyalinata* (Lepidoptera)
- Diaphania nitidalis* (Lepidoptera)

CYBISTAX:

- Acanthoderes circumflexa* (Coleoptera)
- Aulonum bidentatum* (Coleoptera)
- Brentus anchorago* (Coleoptera)
- Brentus mexicanus* (Coleoptera)
- Coleosternus consputus* (Coleoptera)
- Platypus rugulosus* (Coleoptera)
- Sosylus terminalis* (Coleoptera)
- Vasseletia vasseleti* (Coleoptera)
- Xyleborus affinis* (Coleoptera)
- Xyleborus confusus* (Coleoptera)

CYDONIA:

- Anastrepha ludens* (Diptera)

CYMBIDIUM. See Orchidaceae

CYPRIPEDIUM. See Orchidaceae

CYTISUS:

- Bruchidius villosus* (Coleoptera)

DAHLIA:

- Amorbia emigratella* (Lepidoptera)
- Setomorpha rutella* (Lepidoptera)

DAISY:

- Lygus sallei* (Hemiptera)

DAPHNE:

- Lathridius nodifer* (Coleoptera)

DAUCUS:

- Agromyza virens* (Diptera)
- Conotrachelus seniculus* (Coleoptera)
- Psila rosae* (Diptera)

DENDROBIUM. See Orchidaceae

DIANTHUS:

- Anuraphis helichrysi* (Homoptera)
- Frankliniella cephalica* (Thysanoptera)
- Frankliniella insularis* (Thysanoptera)
- Frankliniella minuta* (Thysanoptera)
- Haplothrips cotteei* (Thysanoptera)
- Lygus sallei* (Hemiptera)
- Taeniothrips simplex* (Thysanoptera)

DIOSCOREA:

- Palaeopus costicollis* (Coleoptera)
- Setomorpha rutella* (Lepidoptera)
- "Targionia" hartii (Homoptera)

DIOSPYROS:

- Parlatoria oleae* (Homoptera)

DOLICHOS:

- Callosobruchus phaseoli* (Coleoptera)

EPIDENDRUM. See Orchidaceae

ERIOBOTRYA:

- Ceratitis capitata* (Diptera)

ERYTHRINA:

- Specularia erythrinae* (Coleoptera)
- Xyleborus confusus* (Coleoptera)

EUGENIA:

- Ceratitis capitata* (Diptera)

EXOGENIUM:

- Cryphalomorpha jalappae* (Coleoptera)

FICUS:

- Lepidosaphes ficus* (Homoptera)

FRAXINUS:

- Leperisinus fraxini* (Coleoptera)

GALANTHUS:

- Setomorpha rutella* (Lepidoptera)

GARDENIA:

- Aleurothrixus myrtacei* (Homoptera)
- Anuraphis helichrysi* (Homoptera)
- Aonidiella citrina* (Homoptera)
- Ceroplastes floridensis* (Homoptera)
- Coccus viridis* (Homoptera)
- Eucalymnatus tessellatus* (Homoptera)
- Frankliniella cephalica* (Thysanoptera)
- Frankliniella insularis* (Thysanoptera)
- Protopulvinaria pyramiformis* (Homoptera)
- Pulvinaria psidii* (Homoptera)
- Taeniothrips howaiensis* (Thysanoptera)

GLADIOLUS:

- Atheas fuscipes* (Hemiptera)
- Collops bipunctatus* (Coleoptera)
- Estigmene acrea* (Lepidoptera)
- Frankliniella braileyi* (Thysanoptera)
- Frankliniella cephalica* (Thysanoptera)
- Frankliniella minuta* (Thysanoptera)
- Haplothrips gowdeyi* (Thysanoptera)
- Hofmannophila pseudospretella* (Lepidoptera)
- Lathridius nodifer* (Coleoptera)
- Prodenia ornithogalli* (Lepidoptera)
- Rhopalosiphoninus latysiphon* (Homoptera)
- Rhopalosiphoninus tulipae* (Homoptera)
- Setomorpha rutella* (Lepidoptera)
- Taeniothrips simplex* (Thysanoptera)
- Xyleborus affinis* (Coleoptera)

GOSSYPIUM:

- Catorama tabaci* (Coleoptera)
- Conotrachelus seniculus* (Coleoptera)
- Coryca cephalonica* (Lepidoptera)
- Dacne bipustulata* (Coleoptera)
- Eriothromera oblonga* (Hemiptera)
- Peciniophora gossypiella* (Lepidoptera)
- Scolopocerus uhleri* (Hemiptera)

GRAMMATOPHYLLUM. See Orchidaceae

GUAJACUM:

- Cryptotermes cavifrons* (Isoptera)
- Kaloterms clevelandi* (Isoptera)
- Kaloterms jouteli* (Isoptera)
- Kaloterms snyderti* (Isoptera)
- Neoclytus cacticus* (Coleoptera)
- Platypus rugulosus* (Coleoptera)
- Termes panamaensis* (Isoptera)

Hosts and insects—Continued

GYPSOPHILA:

- Anuraphis helichrysi* (Homoptera)
- Caulophilus latinasus* (Coleoptera)

HELENIUM:

- Hofmannophila pseudospretella* (Lepidoptera)

HELICONIA:

- Taeniothrips hawaiiensis* (Thysanoptera)

HIBISCUS:

- Asterolecanium pustulans* (Homoptera)
- Crociosema plebeiana* (Lepidoptera)
- Pectinophora gossypiella* (Lepidoptera)

HYACINTHUS:

- Eumerus tuberculatus* (Diptera)
- Forficula auricularia* (Dermaptera)
- Hofmannophila pseudospretella* (Lepidoptera)
- Lathridius nodifer* (Coleoptera)

ILEX:

- Phylomyza ilicis* (Diptera)
- "*Targionia*" *quohogiformis* (Homoptera)

IPOMOEA:

- Cryphalamorphus jalappae* (Coleoptera)
- Cylas formicarius* (Coleoptera)
- Cylas formicarius elegantulus* (Coleoptera)
- Cylas formicarius formicarius* (Coleoptera)
- Cylas formicarius* (subspecies unknown)
- Euscapes postfasciatus* (Coleoptera)

IRIS:

- Endrosis lactella* (Lepidoptera)
- Rhopalosiphoninus tulipae* (Homoptera)
- Taeniothrips simplex* (Thysanoptera)
- Tychius griseus* (Coleoptera)

JASMINUM:

- Aonidiella inornata* (Homoptera)

JUNIPERUS:

- Lepidosaphes pallida* (Homoptera)

KHAYA:

- Coptotermes sjostedti* (Isoptera)
- Cordylomera spinicornis* (?) (Coleoptera)
- Minthea rugicollis* (Coleoptera)

LACTUCA:

- Aceratagallia gillettei* (Homoptera)
- Agrotis epsilon* (Lepidoptera)
- Conotrachelus leucophaeus* (Coleoptera)
- Empoasca solana* (Homoptera)
- Frankliniella cephalica* (Thysanoptera)
- Leucopocila albofasciata* (Homoptera)
- Ligyrocoris abdominalis* (Hemiptera)
- Liorhyssus hyalinus* (Hemiptera)
- Lygus oblineatus* (Hemiptera)
- Nysius minutus* (Hemiptera)
- Sizeonotus areolatus* (Hemiptera)

LAELIA. See Orchidaceae

LATHYRUS:

- Bruchus tristis* (Coleoptera)
- Psychoda alternata* (Diptera)

LAVANDULA:

- Taeniothrips atratus* (Thysanoptera)

LEGUMINOSAE:

- Callosobruchus maculatus* (Coleoptera)

LEMAIREOCEREUS. See Cactaceae

LEPTOSPERMUM:

- Hofmannophila pseudospretella* (Lepidoptera)

LILIUM:

- Amorbia emigratella* (Lepidoptera)
- Aphis medicaginis* (Homoptera)
- Forcipomyia raleighi* (Diptera)
- Liothrips nankeekii* (Thysanoptera)
- Phygnia scabiei* (Diptera)
- Selomorpha rutella* (Lepidoptera)
- Xylaplothrips subterraneus* (Thysanoptera)

LITCHI:

- Lepidosaphes punicea* (Homoptera)

LYCASTE. See Orchidaceae

LYCOPERSICON:

- Ceratitis capitata* (Diptera)
- Conotrachelus seniculus* (Coleoptera)
- Dacus cucurbitae* (Diptera)
- Epitrix fasciata* (Coleoptera)
- Epitrix hirtipennis* (Coleoptera)
- Estiomene acrea* (Lepidoptera)
- Erptochiamera oblonga* (Hemiptera)
- Geonethus semilevis* (Hemiptera)
- Gnorimoschema gudmannella* (Lepidoptera)
- Leucinodes elegantalis* (Lepidoptera)
- Leucopocila albofasciata* (Hemiptera)
- Ligyrocoris aurivilliana* (Hemiptera)

LYCOPERSICON—Continued

- Lineodes integra* (Lepidoptera)
- Liriomyza pusilla* (Diptera)
- Lygaeus analis* (Hemiptera)
- Pachybrachis uterius* (Coleoptera)
- Pityophthorus cribratus* (Coleoptera)
- Platynota rostrana* (Lepidoptera)
- Platynota stullana* (Lepidoptera)
- Zabrotes subfasciatus* (Coleoptera)

MAGNOLIA:

- Endrosis lactella* (Lepidoptera)

MALUS:

- Anastrepha ludens* (Diptera)
- Ceroptastes floridensis* (Homoptera)
- Ceroptastes rubens* (?) (Homoptera)
- Epidiopsis piricola* (?) (Homoptera)
- Grapholitha molesta* (Lepidoptera)
- Parlatoria chinensis* (Homoptera)
- Parlatoria oleae* (Homoptera)
- Parlatoria theae* (Homoptera)
- Phytectus callosus* (Coleoptera)
- Rhagoletis pomonella* (Diptera)

MAMEA:

- Anastrepha serpentina* (Diptera)
- Aspidiotus diffinis* (Homoptera)
- Aspidiotus spinosus* (Homoptera)

MAMMILLARIA. See Cactaceae

MANGIFERA:

- Aleurocanthus woglumi* (Homoptera)
- Anastrepha ludens* (Diptera)
- Anastrepha mombinpraepans* (Diptera)
- Aspidiotus destructor* (Homoptera)
- Aulacaspis mangiferae* (Homoptera)
- Chrysomphalus personatus* (Homoptera)
- Coccus mangiferae* (Homoptera)
- Dacus dorsalis* (?) (Diptera)
- Sternonchetus mangiferae* (Coleoptera)

MANIHOT:

- Lepidosaphes alba* (Homoptera)

MAURANDIA:

- Corimelaena incognita* (Hemiptera)

MAXILLARIA. See Orchidaceae

MECONOPSIS:

- Hofmannophila pseudospretella* (Lepidoptera)

MEDICAGO:

- Nysius strigosus* (Hemiptera)

MENTHA:

- Teleonemia scrupulosa* (Hemiptera)

MEROSTACHYS:

- Eucalandra setulosa* (Coleoptera)
- Stephanoderes lecontei* (Coleoptera)

MILTONIA. See Orchidaceae

MONSTERA:

- Aspidiotus spinosus* (Homoptera)

MUSA:

- Aspidiotus destructor* (Homoptera)
- Aspidiotus palmarum* (Homoptera)
- Chrysomphalus albipictus* (Homoptera)
- Ereunetis flavistriata* (Lepidoptera)
- Vinsonia siellifera* (Homoptera)

MYRTILLOCACTUS. See Cactaceae

NARCISSEUS:

- Enicmus minutus* (Coleoptera)
- Forficula auricularia* (Dermaptera)
- Sitona lineata* (Coleoptera)

NERIUM:

- Aphis nerii* (Homoptera)
- Asterolecanium pustulans* (Homoptera)
- Morganella longispina* (Homoptera)

ODONTIODA. See Orchidaceae

ODONTOGLOSSUM. See Orchidaceae

OLEA:

- Aleurolobus olivinus* (?) (Homoptera)
- Aonidiella mali* (Homoptera)
- Dacus oleae* (Diptera)

OLMEDIOLA:

- Tetraleurodes fici* (Homoptera)

ONCIDIUM. See Orchidaceae

OPUNTIA. See Cactaceae

ORCHIDACEAE:

- Acroleucus vicinalis* (Hemiptera)
- Anaphothrips orchidaceus* (Thysanoptera)
- Anaphothrips orchidii* (Thysanoptera)
- Anuraphis helichrysi* (Homoptera)
- Aphetea inconspicua* (Homoptera)
- Aspidiotus mendax* (Homoptera)

*Hosts and insects—Continued***ORCHIDACEAE—Continued**

Aspidiotus palmae (Homoptera)
Asterolecanium epidendri (Homoptera)
Asterolecanium pustulans (Homoptera)
Attelabus corvinus (Coleoptera)
Calligrapha labyrinthica (Coleoptera)
Calligrapha pantherina (Coleoptera)
Callosobruchus maculatus (Coleoptera)
Capaneus odiosus (Hemiptera)
Capaneus tetricus (Hemiptera)
Ceratocapsus apicalis (Hemiptera)
Chrysomphalus perseae (Homoptera)
Chrysomphalus tenax (Homoptera)
Chrysomphalus umboniferus (Homoptera)
Clerada apicicornis (Hemiptera)
Coccus pseudohesperidum (Homoptera)
Conchaspis angraei (Homoptera)
Coproporus pulchellus (Coleoptera)
Corimelaena alticola (Hemiptera)
Corizidea lonigera (Hemiptera)
Crophius scabrosus (Hemiptera)
Cryphula affinis (Hemiptera)
Cryphula trimaculata (Hemiptera)
Diorymerellus laevimargo (Coleoptera)
Elytroteinus subtruncatus (Coleoptera)
Enicmus minutus (Coleoptera)
Epilachna varinestis (Coleoptera)
Epilachna varinestis varipes (Coleoptera)
Eucactophagus aurocinctus (Coleoptera)
Eurycypitia vestitus (Hemiptera)
Eurytoma orchidearum (Hymenoptera)
Exilianus obscurinervis (Homoptera)
Exptochiomera minima (Hemiptera)
Exptochiomera oblonga (Hemiptera)
Exptochiomera tumens (Hemiptera)
Frankliniella minuta (Thysanoptera)
Fulvius fuscans (Hemiptera)
Furcaspis biformis (Homoptera)
Galgupha caerulescens (Hemiptera)
Galgupha punctifer (Hemiptera)
Iridomyrmex iniquus (Hymenoptera)
Iridomyrmex iniquus nigella (Hymenoptera)
Lathridius nodifer (Coleoptera)
Lema quinquenotata (Coleoptera)
Lepidosaphes tuberculata (Homoptera)
Leucaspis cockerelli (Homoptera)
Ligyrocoris litigiosus (Hemiptera)
Lygaeus vittiscutis (Hemiptera)
Macrocephalus stali (Hemiptera)
Minthea rugicollis (Coleoptera)
Mordellistena cattleyana (Coleoptera)
Mormidea collaris (Hemiptera)
Mormidea notulata (Hemiptera)
Myodocha longicollis (Hemiptera)
Nabis dentipes (Hemiptera)
Nasutitermes nigricipes (Isoptera)
Nesofurius carvalhoi (Hemiptera)
Oedionychis atropittata (Coleoptera)
Ogdocoeca catenulata (Coleoptera)
Oosternum costatum (Coleoptera)
Orectis rugosa (Coleoptera)
Ozophora consanguineus (Hemiptera)
Pachybrachius basalis (Hemiptera)
Pachybrachius servillei (Hemiptera)
Pachygrontha oedacalodes (Hemiptera)
Paragonatus divergens (Hemiptera)
Parallelodiplosis cattleyae (Diptera)
Parlatoria psuedaspidiotus (Homoptera)
Phaedrias maxima (Coleoptera)
Physonota mexicana (Coleoptera)
Pinnaspis buxi (Homoptera)
Plagiodera aeneiventris (Coleoptera)
Plagiodera semivittata (Coleoptera)
Poronotus constrictus (Hemiptera)
Prosopodonta balyi (Coleoptera)
Pseudanidia tesserata (Homoptera)
Pseudischinaspis alienus (Homoptera)
Pseudoparlatoria ostreata (Homoptera)
Ptinus ocellus (Coleoptera)
Scaphidium mexicanum (Coleoptera)
Scaphidium variable (Coleoptera)
Setomorphia rutella (Lepidoptera)
Sienotarsus globosus (Coleoptera)
Tenthecoris bicolor (Hemiptera)
Tenthecoris exitosus (Hemiptera)

ORCHIDACEAE—Continued

Trachoides americanus (Coleoptera)
Vinsonia stellifera (Homoptera)
Zabrotes subfasciatus (Coleoptera)
ORNITHOPUS:
Sitona cambrius (Coleoptera)
ORYZA:
Amphicerus cornutus (Coleoptera)
Callidium rufipenne (Coleoptera)
Chilo simplex (Lepidoptera)
Enicmus minutus (Coleoptera)
Lophocateres pusillus (Coleoptera)
Minthea rugicollis (Coleoptera)
Sinoxylon anale (Coleoptera)

PALM:

Aleurotrachelus trachoides (Homoptera)
Aspidiotus destructor (Homoptera)
Aspidiotus palmae (Homoptera)
Xylobiops tezanus (Coleoptera)

PARMENTIERA:

Bonchis munitalis (Lepidoptera)

PELARGONIUM:

Phenacoccus gossypii (Homoptera)

PERISTERIA. See *Orchidaceae***PERSEA:**

Anastrepha ludens (Diptera)
Ceratitidis capitata (Diptera)
Conotrachelus aguacatae (Coleoptera)
Conotrachelus perseae (Coleoptera)
Dacus cucurbitae (Diptera)
Hermesia illucens (Diptera)
Stenomoma catenifer (Lepidoptera)
Zabrotes subfasciatus (Coleoptera)

PHASEOLUS:

Acanthoscelides obvelatus (Coleoptera)
Agromyza virens (Diptera)
Callosobruchus chinensis (Coleoptera)
Dacus cucurbitae (Diptera)
Epinotia opposita (Lepidoptera)
Lophocateres pusillus (Coleoptera)
Marcia testulalis (Lepidoptera)
Platynota stultana (Lepidoptera)
Zabrotes subfasciatus (Coleoptera)

PHOENIX:

Myeloides ceratoniae (Lepidoptera)

PHRAGMITES:

Chilo phragmitellus (?) (Lepidoptera)

Dinoderus brevis (Coleoptera)

PHRAGMOPEDILUM. See *Orchidaceae*

PHYSALIS:

Epitrix cucumeris (Coleoptera)
Gnorimoschema lavernella (Lepidoptera)
Heliothis subflexa (Lepidoptera)
Rhagoletis striatella (Diptera)
Trichobaris championi (Coleoptera)

PHYTELEPHAS:

Coccotrypes dactyliperda (Coleoptera)

PICEA:

Ernobius abietis (Coleoptera)

PINUS:

Aspidiotus corticis-pini (Homoptera)
Callidium rufipenne (Coleoptera)
Dichocrois punctiferalis (Lepidoptera)
Ernobius punctulatus (Coleoptera)
Exptochiomera oblonga (Hemiptera)
Frankliniella moultoni (Thysanoptera)
Hylurgops palliatus (Coleoptera)
Pityophthorus cribratus (Lepidoptera)
Pityophthorus durus (Coleoptera)
"Poliaspis" pini (Homoptera)
Xylobiops tezanus (Coleoptera)

PISUM:

Stegasta bosquella (Lepidoptera)

PLEUROTHALLIS. See *Orchidaceae*

POLIANTHES:

Aphis medicaginis (Homoptera)
Dysdercus mimulus (Hemiptera)
Frankliniella bratleyi (Thysanoptera)
Frankliniella cephalica (Thysanoptera)
Haplothrips gowdeyi (Thysanoptera)

PORTULACA:

Heliodines bella (Lepidoptera)
Nysius minutus (Hemiptera)

PRIMULA:

Brachyrhinus singularis (Coleoptera)

Hosts and insects—Continued

PROSOPIS:

- Acanthoscelides ceratioborus* (Coleoptera)
- Algarobius prosopis* (Coleoptera)
- Amphicerus cornutus* (Coleoptera)
- Micrapate dinoderoides* (Coleoptera)

PRUNUS DOMESTICA:

- Anastrepha mombinpraeoptans* (Diptera)

PRUNUS PERSICA:

- Anastrepha ludens* (Diptera)
- Grapholitha molesta* (Diptera)

PRUNUS SP.:

- Parlatoria theae* (Homoptera)
- Pseudonidia trilobitiformis* (Homoptera)

PSIDIUM:

- Anastrepha ludens* (Diptera)
- Anastrepha mombinpraeoptans* (Diptera)
- Anastrepha striata* (?) (Diptera)
- Anastrepha suspensa* (Diptera)
- Pseudischnaspis boureyi* (Homoptera)
- Pulvinaria psidii* (Homoptera)
- Tetraleurodes mori* (Homoptera)

PUNICA:

- Anastrepha ludens* (Diptera)

PYRUS:

- Anastrepha ludens* (Diptera)
- Parlatoria oleae* (Homoptera)

QUERCUS:

- Conotrachelus integer* (Coleoptera)
- Curculio q-griseae* (Coleoptera)

RANUNCULUS:

- Thrips angusticeps* (Thysanoptera)

RAPHANUS:

- Lygus elisus* (Hemiptera)
- Lygus rubicundus* (Hemiptera)
- Nysius minutus* (Hemiptera)

RHODODENDRON:

- Dialeurodes chittendeni* (Homoptera)
- Gracilaria azalella* (Lepidoptera)

RORIPPA:

- Evergestis rimosalis* (Lepidoptera)
- Lygus oblineatus* (Hemiptera)

ROSA:

- Allantus cinctus* (Hymenoptera)
- Atheas nigricornis* (Hemiptera)
- Chirothrips manicatus* (Thysanoptera)
- Chrysomphalus personatus* (Homoptera)
- Eucalymnatus tessellatus* (Homoptera)
- Frankliniella cephalica* (Thysanoptera)
- Frankliniella insularis* (Thysanoptera)
- Holosternus distans* (Coleoptera)
- Jornandes intermedius* (Hemiptera)
- Protopulvinaria pyriformis* (Homoptera)
- Pseudischnaspis boureyi* (Homoptera)

SACCHARUM:

- Celama sorghiella* (Lepidoptera)
- Diatraea lineolata* (Lepidoptera)
- Diatraea saccharalis* (Lepidoptera)
- Pseudococcus boninensis* (Homoptera)
- Targionia sacchari* (Homoptera)

SAMANEA:

- Colobicus parilis* (Coleoptera)
- Sinozylon conigerum* (Coleoptera)

SANCHEZIA:

- Protopulvinaria pyriformis* (Homoptera)

SAPOTE:

- Anastrepha ludens* (Diptera)

SCILLA:

- Forficula auricularia* (Dermaptera)

SEBASTIANA:

- Grapholitha saltitans* (Lepidoptera)

SECHIUM:

- Clepsis peritana* (Lepidoptera)
- Diaphania nitidalis* (Lepidoptera)

SEDUM:

- Orthesia cataphracta* (Homoptera)

SERJANIA:

- Dinoderus bifoveolatus* (Coleoptera)

SOIL:

- Adelphocoris lineolatus* (Hemiptera)
- Agriotes lineatus* (Coleoptera)
- Apion pisi* (Coleoptera)
- Brachyrhinus rugifrons* (Coleoptera)
- Colaphodes haemoptera* (Coleoptera)
- Ctenicera aereipennis* (Coleoptera)
- Forficula auricularia* (Dermaptera)

SOIL—Continued

- Oxythyrea funesta* (Coleoptera)
- Pantomorus godmani* (Coleoptera)
- Pentodon punctatus* (Coleoptera)
- Scarabaeus semipunctatus* (Coleoptera)

SOLANUM MELONGENA:

- Leucinodes elegantalis* (Lepidoptera)
- Trichobaris mucorea* (Coleoptera)

SOLANUM TUBEROSUM:

- Epicaerus cognatus* (Coleoptera)
- Glyphonyx praecox* (Coleoptera)
- Gnoriomoschema plaesiosema* (Lepidoptera)
- Psychoda severini* (Diptera)
- Setomorpha rutella* (Lepidoptera)

SOLANUM SP:

- Corcyra cephalonica* (Lepidoptera)

SOPHRONITIS. See Orchidaceae

SORBUS:

- Argyresthia conjugella* (Lepidoptera)
- Taeniothrips atratus* (Thysanoptera)

SORGHUM:

- Celama sorghiella* (Lepidoptera)
- Corcyra cephalonica* (Lepidoptera)

SPINACIA:

- Nysius minutus* (Hemiptera)

SPONDIAS:

- Anastrepha mombinpraeoptans* (Diptera)
- Aspidiotus herculeanus* (Homoptera)

SWIETENIA:

- Brentus anchorago* (Coleoptera)
- Hypsipylla grandella* (Lepidoptera)

SYRINGA:

- Brachyrhinus sulcatus* (Coleoptera)

TAGETES:

- Euconocerus anthrenoides* (Coleoptera)

TAMARINDUS:

- Caryedon fuscus* (Coleoptera)

THELOCACTUS. See Cactaceae

THEOBROMA:

- Aspidiotus herculeanus* (Homoptera)
- Selenothrips rubrocinctus* (Thysanoptera)

THEVETIA:

- Tetraleurodes mori* (Homoptera)

TIGRIDIA:

- Rhopalosiphoninus tulipaellus* (Homoptera)

TRIGONIDIUM. See Orchidaceae

TRITICUM:

- Anthonomus zeraua* (Lepidoptera)
- Chilo simplex* (Lepidoptera)
- Enicmus minutus* (Coleoptera)

TULIPA:

- Endrosia lactella* (Lepidoptera)
- Forficula auricularia* (Dermaptera)
- Hofmannophila pseudospretella* (Lepidoptera)
- Nemopogon granella* (Lepidoptera)
- Rhopalosiphoninus latysiphon* (Homoptera)
- Rhopalosiphoninus tulipaellus* (Homoptera)

VANDA. See Orchidaceae

VICIA:

- Bruchus guttalis* (?) (Coleoptera)
- Bruchus luteicornis* (Coleoptera)
- Callosobruchus chinensis* (Coleoptera)

VIOLA:

- Rhopalosiphoninus latysiphon* (Homoptera)

VITIS:

- Blissus richardsoni* (Hemiptera)
- Iridomyrmex humilis* (Hymenoptera)
- Leptoglossus chilensis* (Hemiptera)
- Micrrotheca ochroloma* (Coleoptera)
- Phylloxera callosus* (Coleoptera)

XANTHOSOMA:

- "Targionia" hartii* (Homoptera)

ZANTEDESCHIA:

- Nysius calliger* (Hemiptera)

ZEA:

- Chaetopsis fulvifrons* (Diptera)
- Eumecosomyia nubila* (Diptera)
- Evergestis rimosalis* (Lepidoptera)
- Exptochiamera oblonga* (Hemiptera)
- Leptipsius striatus* (Coleoptera)
- Lophocateres pusillus* (Coleoptera)
- Moodna bisinuella* (Lepidoptera)
- Peregrinus maidis* (Homoptera)
- Stephanoderes lecontei* (Coleoptera)
- Tychius inermis* (Coleoptera)
- Xylobiops tezanus* (Coleoptera)

Hosts and insects—Continued

ZEA—Continued

- Xylomeira torquata* (Coleoptera)
Zabrotes subfasciatus (Coleoptera)

ZINGIBER:

- Minthea rugicollis* (Coleoptera)
 "Turgionia" hartii (Homoptera)

Hosts unknown

AIRPLANE:

- Ceratitis capitata* (Diptera)
Pachybrachius vinctus (Hemiptera)

BAY(?):

- Vinsonia stellifera* (Homoptera)

BEAN:

- Acanthoscelides obvelatus* (Coleoptera)
Callosobruchus chinensis (Coleoptera)
Callosobruchus maculatus (Coleoptera)
Stephanoderes guatemalensis (Coleoptera)
Zabrotes subfasciatus (Coleoptera)

BULB:

- Hofmannophila pseudopretella* (Lepidoptera)

CANE:

- Anacrinus deplanatus* (Coleoptera)

CEREAL STRAW:

- Nicobium castaneum* (Coleoptera)

CLOTHING:

- Forficula auricularia* (Dermaptera)

CUTTING:

- Dialeurodes kirkaldyi* (Homoptera)

EMPTY BOX CAR:

- Anastrepha ludens* (Diptera)

FLOWERS:

- Anuraphis helichrysi* (Homoptera)
Homocidus electellum (Lepidoptera)
Neokolla heteroglyphica (Homoptera)

FOREST LITTER:

- Dinoderus bifoveolatus* (Coleoptera)

GRASS:

- Anomala dubia* (Coleoptera)
Asterolecanium pseudomiliaris (Homoptera)
Lathridius bergrothi (Coleoptera)
Macrocoma aureovillosa (Coleoptera)
Minthea rugicollis (Coleoptera)
Placosternus difficilis (Coleoptera)

HAY:

- Enicmus minutus* (Coleoptera)
Hofmannophila pseudopretella (Lepidoptera)
Lathridius bergrothi (Coleoptera)

HERB:

- Crophius scabrosus* (Hemiptera)
Dacne picta (Coleoptera)
Setomorpha rutella (Lepidoptera)
Tetraleurodes mori (Homoptera)

LEAF:

- Aonidiella citrina* (Homoptera)
Aspidiotus herculeanus (Homoptera)
Aspidiotus palmarum (Homoptera)
Bemisia inconspicua (Homoptera)
Ceroplastes rubens (Homoptera)
Chrysomphalus albopictus (Homoptera)
Chrysomphalus personatus (Homoptera)
Chrysomphalus portoricensis (Homoptera)

LEAF—Continued

- Coccus mangiferae* (Homoptera)
Dialeurodes citri (Homoptera)
Dolichocysta venusta (Hemiptera)

MERCHANDISE CONTAINING SEED POD:

- Caryedon fuscus* (Coleoptera)

MIXED GRAIN:

- Callosobruchus chinensis* (Coleoptera)

MOSS PACKING:

- Barypethes araneiformis* (Coleoptera)

PLANT:

- Erptophiomera minima* (Hemiptera)
Psychoda alternata (Diptera)

POTTERY:

- Renocis mexicanus* (Coleoptera)

SEED:

- Callosobruchus maculatus* (Coleoptera)
Ereunetis minuscula (Lepidoptera)

SHRUB:

- Dialeurodes kirkaldyi* (Homoptera)

STRAW HAT:

- Dinoderus brevis* (Coleoptera)
Dinoderus ocellaris (Coleoptera)
Poronotus constrictus (Hemiptera)

SUCCULENT:

- Pseudoparlatoria serrulata* (Homoptera)

SUGAR:

- Diatraea saccharalis* (Lepidoptera)

WOOD:

- Agrilus sulcatulus* (Coleoptera)
Amphicerus cornutus (Coleoptera)
Battus philenor (Lepidoptera)
Brentus anchorago (Coleoptera)
Brentus mexicanus (Coleoptera)
Clerada apicicornis (Hemiptera)
Coelosternus conspuratus (Coleoptera)
Dinoderus bifoveolatus (Coleoptera)
Dinoderus brevis (Coleoptera)
Dysides obscurus (Coleoptera)
Heterarthron plicatum (Coleoptera)
Heterobostrychus aequalis (Coleoptera)
Hypsipyla grandella (Lepidoptera)
Lamprodema maurum (Hemiptera)
Lophocateres pusillus (Coleoptera)
Minthea rugicollis (Coleoptera)
Neodryocoetes exquiritus (Coleoptera)
Pityophthorus cribratus (Coleoptera)
Platypus rugulosus (Coleoptera)
Renocis mexicanus (Coleoptera)
Rhopalophora incrustata (Coleoptera)
Sinoxylon anale (Coleoptera)
Sinoxylon sedentatum (Coleoptera)
Tetrapirocera longicornis (Coleoptera)
Trogorylon spinifrons (Coleoptera)
Xyleborus confusus (Coleoptera)

Countries of origin and insects

ADMIRALTY ISLAND:

- Aonidiella inornata*
Furcaspis oceanica

ALGERIA:

- Ceratitis capitata*
Lepidosaphes ficus
Orythyrea funesta
Parlatoria zizyphus
Scarabaeus semipunctatus

AMERICAN VIRGIN ISLANDS:

- Ancylostoma stercora*
Anastrepha monbinpraeoptans
Asterolecanium pustulans

ANTIGUA:

- Ceroplastes rubens*
 "Turgionia" hartii

ARGENTINA:

- Aspidiotus destructor*
Blissus richardsoni
Microtheca ochroloma

ARGENTINA—Continued

- Parlatoria oleae*
Pectinophora gossypiella
Taeniothrips simplex

ARUBA:

- Callosobruchus maculatus*

ASIA:

- Dinoderus ocellaris*

AUSTRALIA:

- Morganella longispina*
Setomorpha rutella

AZORES:

- Baris laticollis*
Bruchus luteicornis
Nicobium castaneum
Pantomorus godmani

BAHAMAS:

- Aphis neri*
Asterolecanium pustulans
Callosobruchus chinensis

Countries of origin and insects—Continued

BAHAMAS—Continued

Ceroplastes floridensis
Cylas formicarius elegantulus
Morganella longispina
Pectinophora gossypiella

BARBADOS:

Callosobruchus maculatus
Corcyra cephalonica
Setomorphia rutella
"Targionia" hartii

BELGIUM:

Barathra brassicae
Evergestis forficatis
Gracilaria azaleella
Laspeyresia splendana
Phyllobius pyri
Rhopalosiphoninus tulipae

BERMUDA:

Aphis medicaginis
Aspidiotus spinosus
Ceratitis capitata
Nicobium castaneum hirtum

BRAZIL:

Anastrepha fraterculus
Asterolecanium epidendri
Barathra brassicae
Corcyra cephalonica
Cylas formicarius (probably *elegantulus*)
Diaphania nitidalis
Dinoderus bifoveolatus
Eurytoma orchidearum
Eusepes postfasciatus
Gymnandrosoma aurantianum (?)
Lophocateres pusillus
Mordellistena catleyana
Parlatoria cinerea
Pectinophora gossypiella
Tenthecoris bicolor
Zabrotes subfasciatus

BRITISH COLUMBIA:

Brachyrhinus singularis
Ctenicera aereipennis
Frankliniella moultoni
Phytomyza ilicis

BRITISH GUIANA:

Coccus mangiferae
Pseudaonidia trilobitiformis

BRITISH HONDURAS:

Setomorphia insectella

CANADA:

Ernobius punctulatus
Taeniothrips atratus
Taeniothrips simplex
Trialeurodes vaporariorum

CANAL ZONE:

Acanthoscelides armitagei
Agromyza virens
Aspidiotus destructor
Asterolecanium epidendri
Chrysomphalus tenax
Chrysomphalus umboniferus
Diaphania nitidalis
Epinotia opposita
Furcaspis biformis
Galgapha punctifer
Paragonatus divergens
Parlatoria pseudaspidiotus
Vinsonia stellifera
Xyleborus confusus

CEYLON:

Furcaspis biformis

CHILE:

Acanthoscelides ceratioborus
Gnorimoschema plaesiostema
Leptoglossus chilensis

CHINA:

Anthonoma zeraula
Callosobruchus chinensis
Chilo simplex
Chionaspis yanonensis
Cylas formicarius elegantulus
Cylas formicarius (subspecies unknown)
Nemapogon granella
Parlatoria zizyphus
Pectinophora gossypiella

COLOMBIA:

Aspidiotus destructor
Aspidiotus diffinis
Aspidiotus palmae
Asterolecanium epidendri
Chrysomphalus tenax
Clerada apicicornis
Coccus viridis
Coproporus pulchellus
Cryphula affinis
Cylas formicarius elegantulus
Diatraea lineolata
Eurytoma orchidearum
Exptochiamera minima
Furcaspis biformis
Iridomyrmex iniquus
Iridomyrmex iniquus nigella
Lathridius nodifer
Lophocateres pusillus
Mimosestes dominicanus
Mordellistena catleyana
Pseudaonidia tessellata
Setomorphia rutella
Tenthecoris bicolor
Tenthecoris exitiosus
Trochoideus americanus

COSTA RICA:

Anaphothrips orchidaceus
Aspidiotus destructor
Aspidiotus palmae
Asterolecanium epidendri
Ceroplastes floridensis
Coccus viridis
Eucactophagus auocinctus
Eurytoma orchidearum
Exptochiamera minima
Frankliniella minuta
Furcaspis biformis
Iridomyrmex iniquus nigella
Prosopodonta balyi
Protopulvinaria pyriformis
Pseudischinaspis alienus
Pinus ocellus
Pulvinaria psidii
Unaspis citri
Vinsonia stellifera

CUBA:

Anastrepha mombinpraeoptane
Aphis nerii
Aspidiotus destructor
Asterolecanium bambusae
Bitoma unicolor (?)
Catorama tabaci
Coccus viridis
Crociosema plebeiana
Cylas formicarius elegantulus
Diatraea saccharalis
Ereunetis minuscula
Frankliniella insularis
Gnorimoschema gudmannella
Lepidophaphes alba
Ligyrocoris abdominalis
Pachybrachius basalis
Pectinophora gossypiella
Protopulvinaria pyriformis
Pseudococcus boninensis
Pseudoparlatoria ostreata
Pulvinaria psidii
Pyroderces stigmatophora
Ribua innoxia
Targionia hartii
Targionia sacchari
Tetrapirocera longicornis
Unaspis citri

CURACAO:

Callosobruchus maculatus
Cylas formicarius elegantulus
Zabrotes subfasciatus

DOMINICAN REPUBLIC:

Anastrepha mombinpraeoptans
Anastrepha suspensa
Ancylosomia stercora
Callosobruchus chinensis
Coccus viridis
Cylas formicarius elegantulus

Countries of origin and insects—Continued

DOMINICAN REPUBLIC—Continued

Mimosstes dominicanus
Unaspis citri

Vinsonia stellifera

Xyleborus confusus

UTCH GUIANA:

Aleurothrixus floccosus

AST AFRICA:

Macrocoma aureocilliosa

CUADOR:

Coccotrypes dactyliperda

GYPT:

Anuraphis apiifolia

Pectinophora gossypiella

NGLAND:

Agrotis lineatus

Aleyrodes brassicae (?)

Anaphothrips orchidaceus

Anaphothrips orchidii

Baris laticollis

Barypethes araneiformis

Bruchidius villosus

Ceutorhynchus pleurostigma

Ceutorhynchus quadridens

Dialeurodes chittendeni

Endrosia lactella

Forficula auricularia

Laspeyresia splendana

Leperisinus frazzini

Lepidosaphes tuberculata

Phyllotreta cruciferae

Psila rosae

Psychoda severini

Psylliodes chrysocephala

Ptenidium fuscicornie

Rhopalosiphoninus latysiphon

Rhopalosiphoninus tulipaellus

Taeniothrips ericae

NIWETOK ISLAND:

Furcaspis oceanica

RANCE:

Evergestis forficatis

Liothrips vaneeckei

Thrips angusticeps

Xylaplothrips subterraneus

ERMANY:

Bruchus guttalis (?)

OLD COAST:

Coptotermes sjostedti modica

Cordylomera spinicornis (?)

REECE:

Haplothrips cotti

REENLAND:

Orthezia cataphracta

RENADA:

Callosobruchus phaseoli

Furcaspis biformis

Selenothrips rubrocinctus

UAM:

Aspidiotus destructor

Dialeurodes kirkaldyi

UATEMALA:

Acanthoderes circumflexa

Acanthoscelides obvelatus

Aleurothrixus myrtacei

Anaphothrips orchidaceus

Anastrepha ludens

Anastrepha mombinpraeoptans

Aspidiotus destructor

Aspidiotus mendax

Aspidiotus palmae

Asterolecanium epidendri

Aulonium bidentatum

Brentus anchorago

Brentus mexicanus

Chrysomphalus perseae

Chrysomphalus tenax

Chrysomphalus umboniferus

Coccus pseudoheperidum

Conotrachelus perseae

Cryptotermes carifrons

Diorymerellus laevimargo

Eurycipitia vestitus

Eurytoma orchidearum

Ezptochiomera minima

GUATEMALA—Continued

Fulvius fuscans

Iridomyrmex iniquus nigella

Kalotermyx clevelandi

Kalotermyx nigrinus

Kalotermyx snyderi

Ligyrocoris litigiosus

Lygaeus vitticollis

Minthea rugicollis

Neoclytus cacticus

Platypus rugulosus

Pseudischnaspis alienus

Pseudoparlatoria ostreata

Scaphidium variabile

Sosylus terminalis

Stenoma catenifer

Tetraleurodes fici

Xyleborus confusus

Zabrotes subfasciatus

HAITI:

Anastrepha mombinpraeoptans

Callosobruchus phaseoli

Dinleurodes citrifolii

Targionia sacchari

HAWAII:

Aonidiella inornata

Aspidiotus spinosus

Asterolecanium bambusae

Asterolecanium pustulans

Callosobruchus maculatus

Caryedon fuscus

Ceratitis capitata

Coccus viridis

Colobicus parilis

Cylas formicarius elegantulus

Dacus cucurbitae

Dacus dorsalis (?)

Diocalandra taiensis

Dryophthorus pusillus

Ereunetis flavistriata

Euscapes postfasciatus

Furcaspis biformis

Hermetic illucens

Lepidosaphes tokionis

Leucaspis cockerelli

Maruca testulalis

Pectinophora gossypiella

Phenacaspis sandwicensis

Pinnaspis buxi

Pseudococcus palmarum

Sinoxylon conigerum

Sternochetus mangiferae

Taeniothrips hawaiiensis

HONDURAS:

Anastrepha mombinpraeoptans (?)

Anastrepha striata (?)

Eurycipitia vestitus

Lepidosaphes punicae

Stephanoderes guatemalensis

INDIA:

Callosobruchus chinensis

Caryedon fuscus

Ceratitis capitata

Cylas formicarius

Cylas formicarius formicarius

Dinoderus brevis

Heterobostrychus aequalis

Lepidosaphes tuberculata

Lophocateres pusillus

Minthea rugicollis

Parlatoria pseudaspidiotus

Sinoxylon anale

Trogoxylon spinifrons

IRELAND:

Anaphothrips orchidaceus

Brachyrhinus rugifrons

Hofmannophila pseudopretella

ITALY:

Adelphocoris lineolatus

Anomala dubia

Apion pisti

Bruchus tristis

Ceratitis capitata

Colaphodes haemoptera

Dacus oleae

Countries of origin and insects—Continued

ITALY—Continued

Eurydema ornatum
Laspeyresia splendana
Parlatoria oleae
Pentodon punctatus
Phyllotreta cruciferae

JAMAICA:

Anastrepha mombinpraeoptans
Aspidiotus herculeanus
Asterolecanium epidendri
Callosobruchus chinensis
Callosobruchus maculatus
Callosobruchus phaseoli
Caryedon fuscus
Catorama herbarium
Cylas formicarius elegantulus
Leucaspis cockerelli
Palaeopus costicollis
Parlatoria cronionis
Pseudoparlatoria ostreata
Setomorpha rutella
Targionia hartii
Unaspis citri
Vinsonia stellifera

JAPAN:

Aspidiotus corticis-pini
Callidium rufipenne
Ceroplastes floridensis
Ceroplastes floridensis japonicus
Ceroplastes rubens (?)
Chilo simplex
Dichocrocis punctiferalis
Lepidosaphes pallida
Lepidosaphes tuberculata
Parlatoria chinensis
Parlatoria theae
"Poliaspis" pini

KENYA COLONY:

Coryca cephalonica

MALAYSIA:

Parlatoria citri

MARQUESAS ISLANDS:

Aspidiotus destructor
Parlatoria cinerea

MARSHALL ISLANDS:

Furcaspis oceanica

MEXICO:

Acanthoscelides obvelatus
Aceratagallia gillettei
Aceria tulipae
Acroleucus vicinalis
Agallissus lepturoides
Agrilus sulcatulus
Agromyza virens
Agrotis ypsilon
Aleurocanthus woglumi
Aleurothrixus floccosus
Aleurothrixus myrtacei
Aleurotrachelus trachoides
Algarobius prosopis
Alpheias conspirata
Amorbia emigratella
Amphicerus cornutus
Anacentrinus deplanatus
Anaphothrips orchidaceus
Anastrepha ludens
Anastrepha mombinpraeoptans
Anastrepha serpentina
Anelaphus spurcus
Anuraphis helichrysi
Aonidiella citrina
Aphetea inconspicua
Aphis medicaginis
Arvelius albopunctatus
Aspidiotus herculeanus
Atheas fuscipes
Atheas nigricornis
Attelabus corvinus
Battus philenor
Bitoma brevipennis
Bonchis munitalis
Brentus anchorago
Brentus mexicanus
Calligrapha labyrinthica
Calligrapha pantherina
Callosobruchus maculatus

MEXICO—Continued

Capaneus odiosus
Capaneus tetricus
Caulophilus latinasus
Celama sorghella
Ceratocapsus apicalis
Ceratocapsus punctulatus
Chaetopsis debilis
Chaetopsis fulvifrons
Chelinidea vittiger aequoris
Chrysomphalus albopictus
Chrysomphalus personatus
Clepsis peritana
Clerada apicicornis
Coccus mangiferae
Coelosternus consputus
Collops bipunctatus
Conchaspis angraei
Conotrachelus aguacatae
Conotrachelus integer
Conotrachelus leucophaeatus
Conotrachelus perseae
Conotrachelus seniculus
Corimelaena alticola
Corimelaena incognita
Corizidea longigera
Crophius scabrosus
Cryphalamorphus jalappae
Cryphula trimaculata
Curculio q-griseae
Cylas formicarius elegantulus
Cyphosterna bicolor
Dacus oleae
Diaphania hyalinata
Diaphania nitidalis
Dinoderus bifoveolatus
Diorymerellus laevimargo
Dolichocysta venusta
Dysdercus mimulus
Empoasca solana
Epicaerus cognatus
Epilachna varivestis
Epilachna varivestis varipes
Epinotia opposita
Epitrix cucumeris
Epitrix fasciata
Epitrix hirtipennis
Eriococcus coccineus
Estigmene acrea
Eucalandra setulosa
Eucalymnatus tessellatus
Eucnocerus anthrenoides
Eumecosomyia nubila
Eurycipitia vestitus
Eurgestis rimosalis
Excitanius obscurinervis
Exptochiomeria minima
Exptochiomeria oblonga
Forcipomyia raleighi
Frankliniella bratleyi
Frankliniella cephalica
Frankliniella insularis
Frankliniella minuta
Galgupha caeruleascens
Geocnethus semilevis
Gerstaeckeria mutilaria
Glyptonyx praecox
Glyptina nivalis
Gnorimoschema gudmannella
Gnorimoschema lavernella
Grapholitha molesta
Grapholitha saltitans
Haplorthrips gowdeyi
Heliodines bella
Heliothis subflera
Heterarthron plicatum
Holosternus distans
Homoeosoma electellum
Hypsipyla grandella
Jornandes intermedius
Kaloterms jouteli
Lathridius nodifer
Lema quinquenotata
Lepidosaphes philococcus
Leptipsius striatus
Leucinodes elegantalis

Countries of origin and insects—Continued

MEXICO—Continued

Leucopocilla albofasciata
Leucoptera coffeella
Ligyrocotis aurivilliana
Lineodes integra
Liorhynchus hyalinus
Liriomyza pusilla
Lophocateres pusillus
Lygaeus analis
Lygaeus vittiscutis
Lygus elisus
Lygus hesperus
Lygus oblineatus
Lygus rubicundus
Lygus sallei
Macrocephalus stali
Marmara opuntiella
Micrapate dinoderoides
Mimosastes dominicanus
Moodna bisinuella
Mormidea collaris
Mormidea notulata
Myodocha longicollis
Nabis alternatus
Nabis dentipes
Nasutitermes nigriceps
Neodryocetes exquisitus
Neokolla heiroglyphica
Nysius calliger
Nysius minutus
Nysius strigosus
Oedancala bimaculata
Oedionychis atrogulata
Ogdocoesta catenulata
Olibrus submaculatus
Oosternum costatum
Orectis rugosa
Ozophora consanguineus
Pachybrachis uleanus
Pachybrachius basalis
Pachybrachius vinctus
Pachygrontha oedancalodes
Pectinophora gossypiella
Peregrinus maidis
Phaedrias mazima
Phenacoccus gossypii
Physonota mexicana
Pityophthorus cribratus
Pityophthorus durus
Placosternus difficilis
Plagiodera aeneiventris
Plagiodera semivittata
Platynota rostrana
Platynota stultana
Platypus rugulosus
Pnyxia scabiei
Poronotus constrictus
Prodenia ornithogalli
Pseudischchnaspis alienus
Pseudoparlatoria serrulata
Psychoda alternata
Pulvinaria psidii
Renocis mexicanus
Rhagoletis pomonella
Rhagoletis striatella
Rhopalophora incrustata
Scaphidium mexicanum
Scaphidium variabile
Scolopocerus uhleri
Setomorpha rutella
Sizeonotus areolatus
Sizeonotus luteiceps
Stegasta bosquella
Stenoma catenifer
Stephanoderes lecontei
Taeniothrips simplex
Talponia batesi
Tanymecus confusus
"Targionia" bromiliae
Teleonemia scrupulosa
Termes panamaensis
Tetraleurdodes mori
Tetraprocera longicornis
Trichobaris championi
Trichobaris mucorea
Tychius inermis

MEXICO—Continued

Vasseletia vasseleti
Voria ruralis
Xyleborus affinis
Xyleborus confusus
Xylobiops parilis
Xylobiops tezanus
Xylomeira torquata
Zabrotes subfasciatus
MOROCCO:
Aleurolobus olivinus (?)
Aonidiella maleti
Ceratitis capitata
Lophocateres pusillus
Sinozyllon sedentatum
MOZAMBIQUE:
Anuraphis apiifolia
Ceratitis capitata
Pheidole megacephala
NETHERLANDS:
Allantus cinctus
Barathra brassicae
Brachyrhinus sulcatus
Bruchus luteicornis
Chilo phragmitellus (?)
Endrosia lactella
Enicmus minutus
Eumerus tuberculatus
Forficula auricularia
Gracilaria azulella
Hofmannophila pseudopretella
Lathridius nodifer
Myzus dusfieldii
Nemopogon granella
Rhopalosiphoninus latysiphon
Rhopalosiphoninus tulipae
Setomorpha rutella
Sitona lineata
Tenthoris bicolor
NEW GUINEA:
Aspidiotus palmarum
Elytrotinus subtruncatus
Parlatoria citri
Pinnaspis buxi
NEW HEBRIDES:
Aspidiotus herculeanus
NEW ZEALAND:
Hofmannophila pseudopretella
NICARAGUA:
Acanthoscelides sallaei (?)
Anastrepha ludens
Anastrepha mombinpraeoptans
Anastrepha serpentina
Asterolecanium pustulans
Chrysomphalus umboniferus
Conchaspis angraei
Diaphania nitidalis
Mimosastes dominicanus
Pseudischchnaspis alienus
NORWAY:
Ernobius abietis
Psila rosae
OKINAWA:
"Targionia" quohogiformis
ONTARIO:
Chirothrips manicatus
Tychius griseus
ORIENT:
Callosobruchus chinensis
Pseudischchnaspis alienus
PALAU ISLANDS:
Furcaspis oceanica
PALESTINE:
Ceratitis capitata
Myelois ceratoniae
PANAMA:
Agromyza vires
Aspidiotus destructor
Aspidiotus spinosus
Coccus viridis
Cylas formicarius elegantulus
Diaphania nitidalis
Epinotia opposita
Euscepes postfasciatus
Furcaspis bifor mis
Leucaspis cockerelli

Countries of origin and insects—Continued

PANAMA—Continued

Maruca testulalis
Pectinophora gossypiella
Vinsonia stellifera

PARAGUAY:

Callosobruchus chinensis
Parlatoria cinerea

PERU:

Chaetopsis fulvifrons
Dinoderus bifoveolatus
Mordellistena cattlejana
Zabrotes subfasciatus

PHILIPPINES:

Amphicerus cornutus
Anuraphis helichrysi
Aspidiotus destructor
Aspidiotus palmae
Dialeurodes kirkaldyi
Dinoderus brevis
Dinoderus ocellaris
Parlatoria pseudaspidiotus

PORTUGAL:

Bruchus luteicornis
Ceratitis capitata
Epidiaspis piricola (?)
Iridomyrmex humilis
Lamprodema maurum
Laspeyresia splendana
Psychoda severini
Sinozylon sexdentatum
Sitona cambricus

PUERTO RICO:

Acanthoscelides armitagei
Anastrepha mombinpraeoptans
Anastrepha suspensa
Aspidiotus destructor
Aspidiotus herculeanus
Asterolecanium pseudomiliariis
Asterolecanium pustulans
Bemisia inconspicua
Callosobruchus chinensis
Chrysomphalus portoricensis
Coccus viridis
Cylas formicarius elegantulus
Dialeurodes citrifolii
Euscepes postfasciatus
Fundella pellucens
Furcaspis biformis
Heliothis subflexa
Lepidosaphes tokionis
Maruca testulalis
Pectinophora gossypiella
Protopulvinaria pyriformis
Pseudischinaspis bowreyi
Pulvinaria psidii
Setomorpha rutella
Taeniothrips simplex
Targionia sacchari
Vinsonia stellifera

ST. VINCENT:

Corcyra cephalonica
Setomorpha rutella
Targionia hartii

SALVADOR:

Anastrepha mombinpraeoptans
Chrysomphalus personatus
Coccus mangiferae
Exptochiomera oblonga
Pseudaonidia tessellata
Stenomoma catenifer
Zabrotes subfasciatus

SCOTLAND:

Aleyrodes brassicae (?)
Argyresthia conjugella
Forficula auricularia
Niptus hololeucus
Taeniothrips atratus
Taeniothrips ericae

SOUTH PACIFIC:

Aonidiella inornata
Aspidiotus destructor
Aspidiotus excisus
Ceratitis capitata
Dinoderus brevis
Furcaspis oceanica

SOUTH PACIFIC—Continued

Pinnaspis buzi
Pseudococcus palmarum

SPAIN:

Ceratitis capitata
Parlatoria zizyphus
Pyrastia nubilalis

SWEDEN:

Hylurgops palliatus

SWITZERLAND:

Parlatoria camelliae

TRINIDAD:

Acanthoscelides armitagei
Aganactesis indecora
Aulacaspis mangiferae
Callosobruchus chinensis
Maruca testulalis
Protopulvinaria pyriformis
Unaspis citri

TUNISIA:

Lepidosaphes ficus

TURKEY:

Ceratitis capitata

ULITHI ISLAND:

Pseudococcus palmarum

UNION OF SOUTH AFRICA:

Ceratitis capitata
Iridomyrmex humilis
Phlyctinus callosus
Specularius erythrinae

UNKNOWN:

Amphicerus cornutus
Callidium rufipenne
Caryedon fuscus
Corcyra cephalonica
Dacne bipustulata (?)
Dacne picta
Dialeurodes citri
Dinoderus bifoveolatus
Dinoderus brevis
Dinoderus ocellaris
Endrosis lactella
Enicmus minutus
Forficula auricularia
Furcaspis biformis
Hofmannophila pseudospretella
Laspeyresia splendana
Lathridius bergrothi
Minthea rugicollis
Parlatoria pseudaspidiotus
Pectinophora gossypiella
Poronotus constrictus
Targionia sacchari
Vinsonia stellifera

URUGUAY:

Anuraphis aptifolia
Ceratitis capitata

VENEZUELA:

Aleurothrixus myrtacei
Amphicerus cornutus
Anaphothrips orchidaceus
Anastrepha serpentina
Asterolecanium epidendri
Aulacaspis mangiferae
Callosobruchus maculatus
Callosobruchus phaseoli
Ceroplastes floridensis
Coccus viridis
Coproporus pulchellus
Dysides obscurus
Enicmus minutus
Eucalymnatus tessellatus
Eurytoma orchidearum
Euscepes postfasciatus
Exptochiomera minima
Exptochiomera tumens
Frankliniella insularis
Furcaspis biformis
Iridomyrmex iniquus
Iridomyrmex iniquus nigella
Minthea rugicollis
Neofurtius carvalhoi
Pachybrachius servillei
Parallelodiplosis cattleyae
Poronotus constrictus

Countries of origin and insects—Continued

VENEZUELA—Continued

Protopulvinaria pyramis
Pseudoparlatoria ostreata
Setomorpha rutella
Stenotarbus globosus
Toeniothrips simplex
Tenthecoris bicolor

VIRGIN ISLANDS:

Anastrepha mombinpraeoptans

VIRGIN ISLANDS—Continued

Asterolecanium pustulans
Cylas formicarius elegantulus
"Targionia" hartii
 WEST INDIES:
Leucaspius cockerelli
 YUGOSLAVIA:
Nemapogon granella
Parlatoria oleae

List of pests (diseases) collected and reported from July 1, 1945 to June 30, 1946, inclusive

[An asterisk indicates State inspection]

Disease and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
<i>Actinopelte dryina</i> (Sacc.) Hoehn.:					
<i>Quercus</i> sp. (oak).....	Mexico.....	1			Tex.
<i>Aecidium evansii</i> P. Henn.:					
<i>Lippia graveolens</i>	do.....	1			Tex.
<i>Alternaria circinans</i> (Berk. & Curt.) Bolle:					
<i>Brassica oleracea capitata</i> (cabbage).....	England, Netherlands.....		2		La., Tex.
<i>Brassica rapa</i> (turnip).....	Mexico.....	1			Tex.
<i>Alternaria citri</i> Ell. & Pierce:					
<i>Citrus sinensis</i> (orange).....	Mediterranean area, Mexico.....	4			Ariz., Ill., Tex.
<i>Citrus</i> sp.....	Mexico.....	1			Tex.
<i>Alternaria cucumerina</i> (Ell. & Ev.) J. A. Elliott:					
<i>Cucumis melo</i> var. (honeydew).....	Chile.....	1			N. Y.
<i>Alternaria dianthi</i> F. L. Stevens & J. G. Hall:					
<i>Dianthus</i> sp. (carnation).....	Mexico.....	1			Tex.
<i>Gypsophila paniculata</i> (babysbreath).....	do.....	3			Tex.
<i>Alternaria nigrescens</i> (Peg.) Neerg.:					
<i>Cucumis melo</i> var. (honeydew).....	Chile.....	2			N. Y.
<i>Alternaria tenuis</i> auct.:					
<i>Allium cepa</i> (onion).....	Mexico.....	1			Tex.
<i>Capsicum frutescens</i> (pepper).....	do.....	1			Tex.
<i>Cucumis melo</i> var. (honeydew).....	Chile.....	1			N. Y.
<i>Anthostomella grandispora</i> Penz. & Sacc.:					
Bamboo.....	Colombia.....	1			N. Y.
<i>Aphelenchoides subtennis</i> Cobb:					
<i>Narcissus</i> sp.....	Luxemburg, Netherlands.....		2		N. J., N. Y.
<i>Ascochyta imperfecta</i> Pk.:					
<i>Medicago sativa</i> (alfalfa).....	Mexico.....	1			Tex.
<i>Ascochyta lycopersici</i> Brun.:					
<i>Physalis</i> sp. (husk tomato).....	do.....	1			Tex.
<i>Ascochyta magnoliae</i> Thuem.:					
<i>Magnolia soulangeana</i> (saucer magnolia).....	Canada.....		1		Wash.
<i>Ascochyta pisti</i> Lib.:					
<i>Pisum sativum</i> (pea).....	England, Mexico, Portugal, Uruguay.....	3	3		N. Y., Pa., Tex.
<i>Aspergillus phaeocephalus</i> Dur. & Mont.:					
<i>Allium sativum</i> (garlic).....	Argentina.....	1			La.
<i>Bacillus aroidea</i> Town. (?):					
<i>Lycopersicon esculentum</i> (tomato).....	Dominican Republic.....	1			P. R.
<i>Bacillus melonis</i> Gidd.:					
<i>Cucurbita maxima</i> (squash).....	Mexico.....	1			Tex.
<i>Bacterium solanacearum</i> E. F. Sm.:					
<i>Solanum tuberosum</i> (potato).....	do.....	1			Tex.
<i>Botryosphaeria ribis chromogena</i> Gross. & Dugg.:					
<i>Persea americana</i> (avocado).....	do.....	1			Tex.
<i>Botrytis byssoides</i> J. C. Walker:					
<i>Allium cepa</i> (onion).....	do.....	1			Tex.
<i>Botrytis elliptica</i> (Berk.) Cke.:					
<i>Lilium</i> sp. (lily).....	do.....	2			Tex.
<i>Botrytis galanthina</i> (Berk. & Br.) Sacc.:					
<i>Galanthus</i> sp. (snowdrop).....	England.....	1			Pa.
<i>Botrytis gladioli</i> Kleb.:					
<i>Gladiolus</i> sp.....	Netherlands.....	1			Mass.
<i>Botrytis paeoniae</i> Oud.:					
<i>Paeonia</i> sp. (peony).....	do.....		1		N. Y.

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Disease and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
<i>Botrytis squamosa</i> J. C. Walker:					
<i>Allium cepa</i> (onion).....	Mexico.....	1			Tex.
<i>Botrytis tulipae</i> (Lib.) Lind:					
<i>Tulipa</i> sp. (tulip).....	Germany.....			1	Wash.
<i>Briosia azaleae</i> (Pk.) Dearn.: <i>Rhododendron</i> sp.....	England.....			1	N. J.
<i>Catacauma palmicola</i> F. L. Stevens: Palm.....	Guadeloupe.....		1		Va.
<i>Ceratostomella ulmi</i> Buis.: <i>Ulmus</i> sp. (elm).....	England.....	1			N. Y.
<i>Cercospora althaeina</i> Sacc.: <i>Althaea</i> sp.....	Mexico.....	1			Tex.
<i>Hibiscus syriacus</i> (shrub althaea).....	do.....	1			Tex.
<i>Cercospora angreci</i> Roum.: <i>Odontoglossum</i> sp. (orchid).....	Belgium, England.....			3	N. J.
<i>Cercospora apii</i> Fres.: <i>Apium graveolens</i> (celery).....	Cuba.....		2		Tex.
<i>Cercospora chrysanthemi</i> Pult.: <i>Chrysanthemum</i> sp.....	Mexico.....	1			Tex.
<i>Cercospora coffeicola</i> Berk. & Cke.: <i>Coffea</i> sp. (coffee).....	do.....	1			Tex.
<i>Cercospora cordiae</i> Chupp: <i>Cordia</i> sp.....	do.....			1	Tex.
<i>Cercospora cucurbiticola</i> P. Henn.: <i>Cucumis sativus</i> (cucumber).....	Panama.....		1		Tex.
<i>Cercospora frazinites</i> Ell. & Ev.: <i>Fraxinus</i> sp. (ash).....	Mexico.....	1			Tex.
<i>Cercospora handelii</i> Bub.: <i>Rhododendron</i> sp.....	Belgium, Netherlands.....			6	N. J.
<i>Cercospora herrerana</i> Farneti: <i>Coffea</i> sp. (coffee).....	Mexico.....			1	Tex.
<i>Cercospora insulana</i> (Sacc.) Chupp: <i>Armeria</i> sp. (statice).....	Guatemala, Mexico.....	4			Tex.
<i>Cercospora longissima</i> Sacc.: <i>Lactuca sativa</i> (lettuce).....	Cuba.....	1			P. R.
<i>Cercospora lythracearum</i> Heald & Wolf: <i>Punica granatum</i> (pomegranate).....	Mexico.....		1		Tex.
<i>Cercospora mangiferae</i> Koord.: <i>Mangifera indica</i> (mango).....	do.....		1		Ariz.
<i>Cercospora musae</i> Zimm.: <i>Musa paradisiaca sapientum</i> (banana).....	Costa Rica, Dominican Republic, Guatemala, Martinique, Mexico, Panama, Porto Rico.	133			Ariz., Calif., La., N. Y., Pa., Tex.
<i>Cercospora neriella</i> Sacc.: <i>Nerium oleander</i> (oleander).....	Mexico.....	1			Tex.
<i>Cercospora physalidis</i> Ell. & Barth.: <i>Physalis</i> sp. (husk tomato).....	do.....	1			Tex.
<i>Cercospora psidii</i> Rangel: <i>Psidium guajava</i> (guava).....	do.....	1			Ariz.
<i>Cercospora scolecotrichoides</i> Atk.: <i>Arundinaria funghomii</i> (bamboo).....	China.....			1	D. C.
<i>Cercospora sorghi</i> Ell. & Ev.: <i>Sorghum vulgare</i> (sorghum).....	Mexico.....	1			Tex.
<i>Cercospora vaginae</i> Krueger: <i>Saccharum officinarum</i> (sugarcane).....	do.....	2			Tex.
<i>Cercospora primulae</i> Allesch.: <i>Primula</i> sp. (primrose).....	British Columbia, France.			3	N. Y., Wash.
<i>Chaetomium botrychodes</i> Zopf: <i>Hibiscus rosa-sinensis</i> (Chinese hibiscus).....	South Pacific (?).....			1	Calif.*
<i>Chlamydomyces palmarum</i> (Cke.) Mason: Bamboo.....	Mexico.....	1			Ariz.
<i>Cladosporium cucumerinum</i> Ell. & Arth. (?): <i>Manihot esculenta</i> (cassava).....	American Virgin Islands.	1			Fla.*
<i>Cladosporium effusum</i> Berk. & Curt.: <i>Carya illinoensis</i> (pecan).....	Mexico.....	1			Tex.

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<i>Claviceps paspali</i> E. L. Stevens & J. G. Hall:					
<i>Paspalum notatum</i> (Bahia grass).....	Paraguay.....			1	D. C.
<i>Paspalum</i> sp.....	Australia.....			2	N. Y.
<i>Claviceps purpurea</i> (Fr.) Tul.:					
<i>Secale cereale</i> (rye).....	New Zealand.....			1	Wash.
<i>Coleosporium campanulae</i> (Pers.) Lév.:					
<i>Campanula persicifolia moerheimii</i>	Netherlands.....			1	N. J.
<i>Colletotrichum cajani</i> Rangel:					
<i>Cajanus cajan</i> (pigeonpea).....	Dominican Republic, Puerto Rico.....	2			Fla.,* P. R.
<i>Colletotrichum graminicolum</i> (Ces.) G. W. Wils.:					
<i>Sorghum vulgare technicum</i> (broomcorn).....	Mexico.....	2			Tex.
<i>Colletotrichum lilii</i> Plakidas:					
<i>Lilium longiflorum</i> (Easter lily).....	do.....			1	Tex.
<i>Colletotrichum lineola</i> Cda.:					
<i>Saccharum officinarum</i> (sugarcane).....	do.....	1			Tex.
<i>Colletotrichum lujae</i> Verpl. (?):					
<i>Zygopetalum burtii</i> (orchid).....	Costa Rica.....			1	Tex.
<i>Colletotrichum nigrum</i> Ell. & Halst.:					
<i>Capsicum frutescens</i> (pepper).....	Panama.....		1		Tex.
<i>Lycopersicon esculentum</i> (tomato).....	Mexico.....	1			Ariz.
<i>Colletotrichum archidearum</i> form <i>odontoglossi</i> Verpl. & Claess.:					
<i>Odontoglossum laeve</i> (orchid).....	Guatemala.....			1	Calif.*
<i>Colletotrichum stanhopeae</i> P. Henn.:					
<i>Stanhopea wardii</i> (orchid).....	do.....			1	Calif.*
<i>Colletotrichum truncatum</i> (Schw.) Andrus & W. D. Moore:					
<i>Phaseolus limensis</i> (lima bean).....	Puerto Rico.....	1			N. Y.
<i>Pisum sativum</i> (pea).....	Mexico.....		1		Tex.
<i>Coniosporium sphaerospermum</i> Mason:					
Bamboo.....	Soldier's mail.....	1			Wash.
<i>Coniothyrium fuckelii</i> Sacc.:					
<i>Malus</i> sp.....	Japan.....			1	Calif.*
<i>Cumminsiaella sanguinea</i> (Pk.) Arth.:					
<i>Mahonia</i> sp.....	British Columbia.....	1			Wash.
<i>Cymadothea trifolii</i> (Fr.) Wolf:					
<i>Trifolium</i> sp. (clover).....	Soldier's mail.....	1			N. Y.
<i>Cytospora ambiens</i> Sacc.:					
<i>Salix</i> sp. (willow).....	Belgium, England.....	3	1		Mass., N. Y.
<i>Cytospora leucostoma</i> Sacc.:					
<i>Malus sylvestris</i> (apple).....	Canada.....			1	Wash.
<i>Cytospora palmarum</i> Cke.:					
<i>Cocos nucifera</i> (coconut).....	New Hebrides.....	1			Calif.*
<i>Cytospora subcylpeata</i> Sacc. (?):					
<i>Rhododendron</i> sp.....	England.....			1	N. J.
<i>Didymella lycopersici</i> (Brun.) Kleb.:					
<i>Lycopersicon esculentum</i> (tomato).....	Mexico.....	1			Ariz.
<i>Didymosphaeria graminicola</i> Ell. & Ev.:					
<i>Panicum</i> sp.....	New Guinea.....	1			Calif.*
<i>Diplocarpon rosae</i> Wolf:					
<i>Rosa</i> sp.....	Venezuela.....	2			Fla.*
<i>Diplodia cococarpha</i> Sacc. var. <i>malaccensis</i> Tassi:					
<i>Cocos nucifera</i> (coconut).....	Marshall Islands.....	1			Calif.*
<i>Diplodia henriquesiana</i> Trav. & Spessa:					
<i>Catleya</i> sp. (orchid).....	Costa Rica.....			1	N. J.
<i>Diplodia theobromae</i> (Pat.) Nowell:					
Bamboo.....	Mexico.....	1			Ariz.
<i>Cocos nucifera</i> (coconut).....	Philippines.....	1			Oreg.
<i>Ipomoea batatas</i> (sweetpotato).....	Hawaii.....		1		Calif.*
<i>Diplodia tubericola</i> (Ell. & Ev.) Taub.:					
<i>Manihot</i> sp.....	Honduras.....		1		Ala.
<i>Ipomoea batatas</i> (sweetpotato).....	Venezuela.....		1		Md.
<i>Diplodina eurhododendri</i> Voss:					
<i>Rhododendron</i> sp.....	Canada.....			1	Wash.
<i>Discosia artocreas</i> Fr.:					
<i>Acer</i> sp. (maple).....	Europe.....	1			Oreg.
<i>Rosa</i> sp. (rose).....	Netherlands.....			1	N. J.

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<i>Ditylenchus destructor</i> Thorne:					
<i>Solanum tuberosum</i> (potato).....	Sweden.....		1		Md.
<i>Ditylenchus dipsaci</i> (Kuhn) Filip.:					
<i>Allium sativum</i> (garlic).....	Mexico.....	15			Tex.
<i>Narcissus</i> sp.....	England.....		2		N. J.
<i>Ditylenchus iridis</i> Steiner:					
<i>Iris xiphioides</i> (English iris).....	Netherlands.....		1		N. J.
<i>Iris</i> sp.....	do.....		28		Calif., * N. J., N. Y., } Wash.
<i>Tigridia</i> sp.....	do.....		4		N. J.
<i>Elsinoe australis</i> Bitanc. & Jenkins:					
<i>Citrus aurantifolia</i> (lime).....	Brazil.....		1		Md.
<i>Citrus limon</i> (lemon).....	Argentina, Brazil.....		4		Md., Mass., N. Y., Mass., Pa.
<i>Citrus sinensis</i> (orange).....	Brazil, Uruguay.....		3		
<i>Elsinoe phaseoli</i> Jenkins:					
<i>Phaseolus limensis</i> (lima bean).....	Puerto Rico, Virgin Islands.....	3			Fla.*
<i>Elsinoe piri</i> (Woron.) Jenkins:					
<i>Malus sylvestris</i> (apple).....	Spain.....		1		Tex.
<i>Epidochium oryzae</i> Miy.:					
<i>Oryza sativa</i> (rice).....	India.....	1			Oreg.
<i>Erioseptoria tritici</i> Togn.:					
Bamboo.....	Soldier's mail.....	1			Wash.
<i>Erioseptoria cactivorum</i> Pets. & Cif.:					
Cactus.....	Mexico.....	1			Tex.
<i>Fabraea maculata</i> Atk.:					
<i>Cydonia oblonga</i> (quince).....	Costa Rica.....	1			Fla.*
<i>Fusarium bulbigenum</i> Cke. & Mass.:					
<i>Narcissus</i> sp.....	England, Netherlands.....		40		N. J., N. Y.
<i>Fusarium heterosporum</i> Nees.:					
<i>Paspalum</i> sp.....	Australia.....		1		N. Y.
<i>Fusarium oxysporum</i> Schlecht.:					
<i>Allium cepa</i> (onion).....	Mexico.....	6			Tex.
<i>Gladiolus</i> sp.....	Canada.....		1		N. J.
<i>Ipomoea batatas</i> (sweet potato).....	Mexico.....	1			Tex.
<i>Fusarium trichothecoides</i> Wr.:					
<i>Solanum tuberosum</i> (potato).....	do.....	1			Ariz.
<i>Fusicladium depressum</i> (Berk. & Br.) var. <i>petroselinum</i> Sacc.:					
<i>Petroselinum crispum latifolium</i> (parsley).....	Azores.....		1		N. Y.
<i>Gliomastix convoluta</i> (Harz) Mason:					
<i>Zingiber officinale</i> (ginger).....	China.....	1			Calif.*
<i>Gloeosporium affine</i> Sacc.:					
<i>Cattleya skinneri</i> (orchid).....	Guatemala.....		1		Calif.*
<i>Cattleya superba</i>	Venezuela.....	1			P. R.
<i>Epidendrum atropurpureum</i> (orchid).....	Canal Zone.....		1		Tex.
<i>Phalaenopsis schilleriana</i> (orchid).....	Philippines.....		1		Calif.*
<i>Phalaenopsis</i> sp.....	do.....		2		Calif.*
<i>Gloeosporium anthurii</i> Allesch.:					
<i>Anthurium</i> sp.....	Trinidad.....		1		N. J.
<i>Gloeosporium cattleyae</i> Sacc. & D. Sacc.:					
<i>Cattleya bowringiana</i> (orchid).....	Guatemala.....		1		Calif.*
<i>Cattleya dowiana</i>	Costa Rica.....		1		Calif.*
<i>Cattleya gigas</i>	Colombia.....		2		Calif.*
<i>Cattleya mendeli</i>	do.....		1		Calif.*
<i>Cattleya mossiae</i>	Venezuela.....		1		Calif.*
<i>Cattleya trianae</i>	Colombia.....		1		Calif.*
<i>Cattleya</i> sp.....	Colombia, Venezuela.....		4		Calif., Wash.
<i>Gloeosporium cyripedii</i> Verpl.:					
<i>Cyripedium</i> sp. (orchid).....	England.....		1		Calif.*
<i>Gloeosporium dendrobii</i> Maubl.:					
<i>Dendrobium speciosum</i> (orchid).....	Australia.....		1		Calif.*
<i>Dendrobium superbiens</i>	New Guinea.....		1		Calif.*
<i>Gloeosporium epidendri</i> P. Henn.:					
Orchid.....	St. Lucia.....	1			P. R.

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<i>Gloeosporium fructigenum</i> Berk.: <i>Malus sylvestris</i> (apple).....	Union of South Africa.....	1			Ala.
<i>Gloeosporium laeliae</i> P. Henn.: <i>Laelia anceps</i> (orchid).....	Guatemala.....			1	Calif.*
<i>Laelia autumnalis</i>	do.....			1	Calif.*
<i>Laelia superbiens</i>	do.....			1	Calif.*
<i>Gloeosporium leguminum</i> (Cke.) Sacc.: <i>Prosopis</i> sp. (mesquite).....	Hawaii, Mexico.....	2	1		Ariz., Tex., Wash.
<i>Gloeosporium mangiferae</i> P. Henn.: <i>Mangifera indica</i> (mango).....	Dominican Republic.....	1			P. R.
<i>Gloeosporium perennans</i> Zeller & Childs: <i>Malus sylvestris</i> (apple).....	Mexico.....	1			Tex.
<i>Glomerella cincta</i> (Ston.) Spauld. & Schrenk: <i>Rhododendron</i> sp.....	England.....			1	Wash.
<i>Glomerella piperata</i> (Ston.) Spauld. & Schrenk: <i>Capsicum frutescens</i> (pepper).....	Malaysia.....		1		Pa.
<i>Gloniopsis levantica</i> Rehm: <i>Rhododendron</i> sp.....	England.....			1	Wash.
<i>Glonium stellatum</i> Muhl.: <i>Barkeria spectabilis</i> (orchid).....	Guatemala.....			1	Tex.
<i>Graphiola phoenicis</i> (Moug.) Poit.: <i>Calamus</i> sp. (rattan).....	India.....		1		Mass.
Palm.....	Mexico.....		1		Tex.
<i>Helminthosporium carposaprum</i> Pollack: <i>Lycopersicon esculentum</i> (tomato).....	do.....	11			Tex.
<i>Helminthosporium oryzae</i> Breda de Haan: <i>Oryza sativa</i> (rice).....	Soldier's mail.....	1			Ohio.
<i>Hemileia orcidii</i> Griffon & Maub.: <i>Oncidium</i> sp. (orchid).....	Brazil.....			1	N. J.
<i>Hendersonia donacis</i> Sacc. form <i>bambusina</i> Sacc.: Bamboo.....	Soldier's mail.....	1			Wash.
<i>Hendersonia epidendri</i> Keissl.: <i>Cattleya</i> sp. (orchid).....	Guatemala.....	1			Tex.
<i>Heterosporium allii</i> Ell. & G. Martin: <i>Allium cepa</i> (onion).....	Mexico.....	1			Tex.
<i>Hormodendrum cladosporioides</i> (Fres.) Sacc.: <i>Oryza sativa</i> (rice).....	Japan.....	1			Nebr.
<i>Hysterostomella sabaticola</i> Tracy & Earle: Palm.....	Mexico.....		1		Ariz.
<i>Kuehneola malvicola</i> (Speg.) Arth.: <i>Althaea</i> sp.....	do.....	1			Tex.
<i>Hibiscus syriacus</i> (shrub-althaea).....	do.....	1			Tex.
<i>Lachnum virgineum</i> (Fr.) Karst.: <i>Rhododendron</i> sp.....	England.....			1	Wash.
<i>Leptosphaeria azalarae</i> Hollos: <i>Rhododendron</i> sp.....	do.....			1	N. J.
<i>Leptosphaeria heterospora</i> (De N.) Niessl: <i>Iris</i> sp.....	Italy, New Zealand.....			2	N. J.
<i>Leptosphaeria tritici</i> (Garov.) Pass.: <i>Triticum aestivum</i> (wheat).....	Soldier's mail.....	1			N. Y.
<i>Triticum</i> sp.....	Netherlands.....			1	Calif.*
<i>Macrophoma candollei</i> (Berk. & Br.) Berl. & Vogl.: <i>Buxus</i> sp.....	China.....			1	Calif.*
<i>Macrophoma oleandri</i> Pass.: <i>Nerium oleander</i> (oleander).....	Bermuda.....	1			N. Y.
<i>Macrophoma orchidicola</i> (Speg.) Sacc. & Syd. (?): <i>Cattleya bowringiana</i> (orchid).....	Guatemala.....			1	Calif.*
<i>Macrophomina phaseoli</i> (Maubl.) Ashby: <i>Ipomoea batatas</i> (sweetpotato).....	Dominican Republic, Puerto Rico.....	1	1		Fla.,* N. Y.
<i>Memnoniella echinata</i> (Riv.) Gall: <i>Cattleya</i> sp. (orchid).....	Brazil, Venezuela.....			3	N. J.
<i>Zingiber officinale</i> (ginger).....	China.....	1			Calif.*
<i>Metasphaeria albescens</i> Thuem.: <i>Oryza sativa</i> (rice).....	do.....	1			Calif.*
<i>Microcera fujikuroi</i> Miy. & Saw.: <i>Camellia</i> sp.....	Mexico.....		1		Tex.

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Disease and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
<i>Monilinia fructicola</i> (Wint.) Honey (?):					
<i>Prunus domestica</i> (plum).....	Mexico.....	1			Tex.
<i>Prunus persica</i> (peach).....	do.....	3			Tex.
<i>Prunus</i> sp. (cherry).....	do.....		1		Ariz.
<i>Monochaetia compla</i> (Sacc.) Allesch. var. <i>ramulicola</i> Berl. & Bres.:					
<i>Rosa</i> sp.....	Netherlands.....			1	N. J.
<i>Mycosphaerella citrullina</i> (C. O. Sm.) Gross.:					
<i>Cucurbita maxima</i> (squash).....	Argentina, Australia, Uruguay.....		3		N. Y., Pa.
<i>Cucurbita pepo</i> (pumpkin).....	Dominican Republic.....		1		N. Y.
<i>Sechium edule</i> (chayote).....	Canal Zone, Cuba, Mexico, Panama.....	1	4		Ala., N. Y., Tex.
<i>Mycosphaerella gardeniae</i> Cke.:					
<i>Gardenia augusta</i> (Cape-jasmine).....	Canal Zone.....	1			La.
<i>Mycosphaerella hondai</i> Miyake:					
<i>Oryza sativa</i> (rice).....	Japan.....	1			Calif.*
<i>Mycosphaerella rhododendri</i> (Cke.) G. H. Martin:					
<i>Rhododendron</i> sp.....	Belgium, Netherlands.....			2	N. J.
<i>Myrothecium roridum</i> Fr.:					
<i>Roystonea</i> sp. (royal palm).....	Dominican Republic.....			1	P. R.
<i>Nectria cinnabarina</i> Fr.:					
<i>Acer</i> sp. (maple).....	Netherlands.....			1	N. J.
<i>Neovossia horrida</i> (Tak.) Padwick & Azmatullah Khan:					
<i>Oryza sativa</i> (rice).....	Soldier's mail.....	1			Wash.
<i>Nigrospora oryzae</i> (Berk. & Br.) Petch:					
<i>Oryza sativa</i> (rice).....	Ecuador, soldier's mail.....	3			Fla.*
<i>Physalis</i> sp. (husk tomato).....	Mexico.....	1			Tex.
<i>Nigrospora panici</i> Zimm. (?):					
<i>Oryza sativa</i> (rice).....	Soldier's mail.....	1			Fla.*
<i>Nigrospora sphaerica</i> (Sacc.) Mason:					
<i>Oryza sativa</i> (rice).....	Japan.....	2			Calif.*
<i>Saccharum officinarum</i> (sugarcane).....	Mexico.....	1			Ariz.
<i>Sorghum vulgare</i> (sorghum) (?).....	do.....	1			Ariz.
<i>Omphalia flavida</i> (Cke.) Maubl. & Rangel:					
<i>Gardenia augusta</i> (Cape-jasmine).....	do.....	55			Tex.
<i>Oospora pustulans</i> Owen & Wakef.:					
<i>Solanum tuberosum</i> (potato).....	do.....		1		Tex.
<i>Papularia vinosa</i> (Berk. & Curt.) Mason:					
Bamboo.....	do.....	2			Ariz.
<i>Saccharum officinarum</i> (sugarcane).....	do.....	1			Tex.
<i>Peronospora effusa</i> (Grev.) Rab.:					
<i>Spinacia oleracea</i> (spinach).....	do.....	1			Tex.
<i>Pestalotia conspicua</i> Servazzi:					
<i>Cattleya skinneri</i> (orchid).....	Guatemala.....			1	Calif.*
<i>Miltonia endrestii</i> (orchid).....	Costa Rica.....			1	Tex.
<i>Pestalotia macrotricha</i> Kleb.:					
<i>Rhododendron</i> sp.....	Belgium, England.....			2	N. J.
<i>Pestalotia palmarum</i> Cke.:					
Palm.....	Soldier's mail.....	1			Wash.
<i>Pestalotia psidii</i> Pat.:					
<i>Psidium</i> sp.....	Mexico.....	1			Ariz.
<i>Pestalotia rhododendri</i> (D. Sacc.) Guba:					
<i>Rhododendron</i> sp.....	England.....			1	Wash.
<i>Phoma camelliae</i> Pass.:					
<i>Camellia japonica</i> (camellia).....	Switzerland.....			1	N. Y.
<i>Phoma citricarpa</i> McAlp.:					
<i>Citrus limon</i> (lemon).....	Australia.....		6		Calif.,* N. Y.
<i>Citrus sinensis</i> (orange).....	do.....		3		Calif.*
<i>Phoma glumarum</i> Ell. & Tr.:					
<i>Oryza sativa</i> (rice).....	Jamaica, Puerto Rico.....	2			Fla.*
<i>Phomopsis arecae</i> Syd.(?):					
Palm.....	Samoa.....			1	Calif.*
<i>Phomopsis capsici</i> (Magn.) Sacc.:					
<i>Capsicum frutescens</i> (pepper).....	Mexico.....		1		Tex.
<i>Phomopsis cocoes</i> Petch:					
<i>Cocos nucifera</i> (coconut).....	Ulithi.....	1			Calif.*

List of pests (diseases) collected and reported from July 1, 1945 to June 30, 1946, inclusive—Continued

[An asterisk indicates State inspection]

Disease and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
<i>Phyllosticta erythroxyl</i> Graz.:					
<i>Erythroxylon coca</i> (cocaine-tree).....	Peru.....	1			N. Y.
<i>Phyllosticta euphorbiaecola</i> Brun.:					
<i>Euphorbia pulcherrima</i> (poinsettia).....	Mexico.....	1			Tex.
<i>Phyllosticta laeliae</i> Keissl.:					
<i>Aerides</i> sp. (orchid).....	Philippines.....			1	Calif.*
<i>Brassia gireoudiana</i> (orchid).....	Costa Rica.....			1	Calif.*
<i>Cattleya boweringiana</i> (orchid).....	Guatemala.....			1	Calif.*
<i>Cattleya</i> sp.....	Colombia.....			2	Calif.*
<i>Cypripedium</i> sp. (orchid).....	England.....			1	Calif.*
<i>Epidendrum pentotis</i> (orchid).....	Guatemala.....			1	Calif.*
<i>Epidendrum</i> sp.....	Mexico.....			1	Tex.
<i>Laelia superbiens</i> (orchid).....	Guatemala.....			1	Calif.*
<i>Laelia</i> sp.....	do.....			1	Tex.
<i>Odontoglossum schlieperianum</i> (orchid).....	Costa Rica.....			2	Calif.*
Orchid.....	Mexico.....			1	Tex.
<i>Peristeria elata</i> (orchid).....	Canal Zone.....			1	Calif.*
<i>Phyllosticta miurai</i> Miyake:					
<i>Oryza sativa</i> (rice).....	Japan(?), Okinawa(?).....	1	1		Wash.
<i>Phyllosticta nerii</i> West.:					
<i>Nerium oleander</i> (oleander).....	Bermuda.....			1	Md.
<i>Phyllosticta solitaria</i> Ell. & Ev.:					
<i>Malus sylvestris</i> (apple).....	Mexico.....			1	Tex.
<i>Phyllosticta superficialis</i> F. L. Stevens:					
<i>Passiflora</i> sp.....	Bahamas.....	1			N. Y.
<i>Phymatotrichum omnivorum</i> (Shear) Dugg.:					
<i>Dasyliiron</i> sp. (sotol).....	Mexico.....			1	Tex.
<i>Physalospora camptospora</i> Sacc.:					
<i>Cattleya skinneri</i> (orchid).....	Guatemala.....			1	Calif.*
<i>Laelia</i> sp. (orchid).....	do.....			1	Tex.
<i>Physalospora cattleyae</i> Maub. & Lasnier:					
<i>Cattleya boweringiana</i> (orchid).....	do.....			3	Calif.*
<i>Cattleya skinneri</i>	Mexico.....			1	Tex.
Orchid.....	do.....			2	Tex.
<i>Physalospora orchidearum</i> P. Henn.:					
<i>Cymbidium</i> sp. (orchid).....	England.....			1	Calif.*
<i>Dendrobium</i> sp. (orchid).....	Dutch East Indies, South Pacific.....			2	Calif.*, Wash.
Orchid.....	Mexico.....			1	Tex.
<i>Stanhopea</i> sp. (orchid).....	Brazil.....			1	N. J.
<i>Physalospora phormii</i> Schroet.:					
<i>Phormium tenax</i> (New Zealand flaxlily).....	Australia.....			1	Calif.*
<i>Phytophthora capsici</i> Leonian:					
<i>Lycopersicon esculentum</i> (tomato).....	Mexico.....	53			Ariz.
<i>Phytophthora phaseoli</i> Thaxt.:					
<i>Phaseolus</i> sp. (string bean).....	do.....	1			Tex.
<i>Plenodomus destruens</i> Harter:					
<i>Ipomoea batatas</i> (sweetpotato).....	do.....	1			Tex.
<i>Pleospora aculeorum</i> Berl.:					
<i>Rosa</i> sp.....	Netherlands.....			1	N. J.
<i>Pseudomonas sarastanoi</i> (E. F. Sm.) F. L. Stevens:					
<i>Olea europaea</i> (olive).....	France.....	1			Ky.
<i>Pseudopeziza medicaginis</i> (Lib.) Sacc.:					
<i>Medicago sativa</i> (alfalfa).....	Mexico, soldier's mail.....	2			Tex., Wash.
<i>Puccinia buxi</i> DC.:					
<i>Buxus sempervirens</i> (box).....	France.....			1	N. Y.
<i>Puccinia canaliculata</i> (Schw.) Lagh.:					
<i>Cyperus subnodosus</i>	Mexico.....	1			Tex.
<i>Puccinia chloridis</i> (Speg.) Kuntze:					
<i>Chloris virgata</i> (feather fingergrass).....	do.....	1			Ariz.
<i>Puccinia glumarum</i> (Schmidt) Eriks. & P. Henn.:					
<i>Triticum aestivum</i> (wheat).....	Japan.....	1			Mo.
<i>Puccinia rubigo-vera tritici</i> (Eriks. & P. Henn.) Carl.:					
<i>Triticum aestivum</i> (wheat).....	Mediterranean Area.....	1			Oreg. Calif.*
<i>Triticum</i> sp.....	Netherlands.....			1	
<i>Pucciniopsis caricae</i> (Speg.) Seaver:					
<i>Carica papaya</i> (papaya).....	Cuba.....		1		N. Y.

List of pests (diseases) collected and reported from July 1, 1945 to June 30, 1946 inclusive—Continued

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Disease and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
<i>Pyrenochaeta oryzae</i> Shirai:					
<i>Oryza sativa</i> (rice)	Okinawa (?)		1		Wash.
<i>Pythium ultimum</i> Trow:					
<i>Cattleya</i> sp. (orchid)	Belgium			1	N. J.
<i>Ramularia primulae</i> Thuem.:					
<i>Primula</i> sp. (primrose)	British Columbia			2	Wash.
<i>Schizophyllum commune</i> Fr.:					
Wood	Philippines			1	Calif.*
<i>Sclerotopsis concava</i> (Desm.) Shear & Dodge:					
<i>Rosa</i> sp.	Netherlands			1	N. J.
<i>Sclerotium rolfsii</i> Sacc.:					
<i>Cattleya bourringiana</i> (orchid)	Guatemala			1	Calif.*
<i>Cattleya</i> sp.	Brazil, Colombia			2	N. J.
<i>Septoria aciculosa</i> Ell. & Ev.:					
<i>Fragaria</i> sp. (strawberry)	Canada			1	N. J.
<i>Septoria azaleae</i> Vogl.:					
<i>Rhododendron</i> sp.	Belgium			1	N. J.
<i>Septoria citri</i> Pass.:					
<i>Citrus limon</i> (lemon)	Argentina, Spain		2		Mass., Tex.
<i>Septoria depressa</i> McAlp.:					
<i>Citrus sinensis</i> (orange)	Australia		1		Wash.
<i>Septoria lycopersici</i> Speg.:					
<i>Lycopersicon esculentum</i> (tomato)	Mexico	1			Tex.
<i>Septoria macrosporia</i> Dearn.:					
<i>Chrysanthemum maximum</i> (Pyrenees chrysanthemum)	do	1			Tex.
<i>Chrysanthemum</i> sp.	Canada			1	Wash.
<i>Septoria orchidearum</i> West.:					
Orchid	Mexico			1	Tex.
<i>Septoria pyricola</i> Desm.:					
<i>Pyrus communis</i> (pear)	Portugal		1		Pa.
<i>Septoria ribis</i> Desm.:					
<i>Ribes</i> sp. (black currant)	Newfoundland	1			N. Y.
<i>Sphaeloma faucettii scabiosa</i> Jenkins:					
<i>Citrus limon</i> (lemon)	Australia		4		Calif., * N. J.
<i>Sphaerodothis pringlei</i> (Pk.) Th. & Syd.:					
<i>Yucca</i> sp.	Mexico			1	N. J.
<i>Sporonema ozyococi</i> Shear:					
<i>Gentiana acaulis gigantea</i>	British Columbia			1	N. J.
<i>Stachylidium theobromae</i> Turc.:					
<i>Musa paradisiaca</i> (plantain)	Cuba	3			N. Y.
<i>Musa paradisiaca sapientum</i> (banana)	Dominican Republic, Mexico.	2			Calif., * N. J.
<i>Stagonospora gigantea</i> Heald & Wolf:					
<i>Agave</i> sp.	Mexico			1	Tex.
<i>Stemphylium botryosum</i> Wallr.:					
<i>Allium porrum</i> (leek)	Scotland		1		N. Y.
<i>Thecaphora solani</i> Barrus:					
<i>Solanum stoloniferum</i> (potato)	Mexico	1			Tex.
<i>Tilletia foetida</i> (Wallr.) Liro:					
<i>Triticum aestivum</i> (wheat)	Ethiopia			1	D. C.
<i>Trichoderma viride</i> Fr.:					
<i>Oncidium wentworthianum</i> (orchid)	Guatemala			1	Calif.*
<i>Trochila ilicis</i> (Chev.) Crouan:					
<i>Ilex</i> sp. (holly)	British Columbia	1			Wash.
<i>Tubercularia vulgaris</i> Tode:					
<i>Acer</i> sp. (maple)	Netherlands			1	N. J.
<i>Uredo anthurii</i> (Hariot) Sacc.:					
<i>Anthurium</i> sp.	Guatemala	1			Calif., * Tex.
<i>Uredo guacae</i> Mayor:					
<i>Zygopetalum burtii</i> (orchid)	Costa Rica			2	Tex.
<i>Uredo oncidii</i> P. Henn.:					
<i>Oncidium lanceanum</i> (orchid)	Brazil			1	N. J.
<i>Ustilago bullata</i> Berk.:					
<i>Bromus catharticus</i>	Uruguay			1	D. C.
<i>Ustilago hordei</i> (Pers.) Lagh.:					
<i>Hordeum vulgare</i> (barley)	Ethiopia, France, soldier's mail.	2		1	D. C., Ohio

List of pests (diseases) collected and reported from July 1, 1945 to June 30, 1946, inclusive—Continued

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Disease and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
<i>Ustilago tritici</i> (Pers.) Rostr.: <i>Triticum aestivum</i> (wheat).....	France, Peru.....	2			P. R., Tex.
<i>Valsa chlorina</i> Pat.: <i>Cocos nucifera</i> (coconut).....	Guam.....	1			Hawaii.*
<i>Venturia pyrina</i> Aderh.: <i>Pyrus communis</i> (pear).....	England, Mexico.....	1	1		Calif.,* Tex.
<i>Vermicularia dematium</i> Fr.: <i>Anthurium</i> sp.....	Guatemala.....			1	Calif.*
<i>Vermicularia herbarum</i> West. var. <i>dianthi</i> West. <i>Dianthus</i> sp. (carnation).	Ecuador.....			1	D. C.
<i>Xanthomonas citri</i> (Hasse) Doidge: <i>Citrus aurantifolia</i> (sour lime).....	Ceylon, India, Kenya, Philippines.		7		Mass., N.Y., Wash.
<i>Citrus paradisi</i> (grapefruit).....	Ceylon, India.....		7		Calif.,* N.Y. S. C.
<i>Citrus sinensis</i> (orange).....	India.....	1	1		Mass., S. C.

Hosts and diseases

ACER: <i>Discosia artocreas</i> (Deuteromycetes) <i>Nectria cinnabarina</i> (Ascomycetes) <i>Tubercularia vulgaris</i> (Deuteromycetes)	BROMUS: <i>Ustilago bullata</i> (Promycetes)
AERIDES. See Orchidaceae	BUXUS: <i>Macrophoma candollei</i> (Deuteromycetes) <i>Puccinia buxi</i> (Promycetes)
AGAVE: <i>Stagonospora gigantea</i> (Deuteromycetes)	CACTACEAE: <i>Eriosporium cactivorum</i> (Deuteromycetes)
ALLIUM CEPA: <i>Alternaria tenuis</i> (Deuteromycetes) <i>Botrytis byssocidea</i> (Deuteromycetes) <i>Botrytis squamosa</i> (Deuteromycetes) <i>Fusarium oxysporum</i> (Deuteromycetes) <i>Heterosporium allii</i> (Deuteromycetes)	CAJANUS: <i>Colletotrichum cajani</i> (Deuteromycetes)
ALLIUM PORRUM: <i>Stemphylium botryosum</i> (Deuteromycetes)	CALAMUS: <i>Graphiola phoenicis</i> (Promycetes)
ALLIUM SATIVUM: <i>Aspergillus phaeocephalus</i> (Deuteromycetes) <i>Ditylenchus dipsaci</i>	CAMELLIA: <i>Microcera fujikuroi</i> (Deuteromycetes) <i>Phoma camelliae</i> (Deuteromycetes)
ALTHAEA: <i>Cercospora althaeina</i> (Deuteromycetes) <i>Kuehneola malbicola</i> (Promycetes)	CAMPANULA: <i>Colosporium campanulae</i> (Promycetes)
ANTHURIUM: <i>Gloeosporium anthurii</i> (Deuteromycetes) <i>Uredo anthurii</i> (Promycetes) <i>Vermicularia dematium</i> (Deuteromycetes)	CAPSICUM: <i>Alternaria tenuis</i> (Deuteromycetes) <i>Colletotrichum nigrum</i> (Deuteromycetes) <i>Glomerella piperata</i> (Ascomycetes) <i>Phomopsis capsici</i> (Deuteromycetes)
APIUM: <i>Cercospora apii</i> (Deuteromycetes)	CARICA: <i>Pucciniopsis caricae</i> (Deuteromycetes)
ARMERIA: <i>Cercospora insulana</i> (Deuteromycetes)	CARYA: <i>Cladosporium effusum</i> (Deuteromycetes)
ARUNDINARIA: <i>Cercospora scolecotrichoides</i> (Deuteromycetes)	CATTLEYA. See Orchidaceae
BAMBOO: <i>Anthostomella grandispora</i> (Ascomycetes) <i>Chlamydomyces palmorum</i> (Deuteromycetes) <i>Coniosporium sphaerospermum</i> (Deuteromycetes) <i>Diplodia theobromae</i> (Deuteromycetes) <i>Eriospirina tritici</i> (Deuteromycetes) <i>Hendersonia donacis</i> form <i>bambusina</i> (Deuteromycetes) <i>Papularia vinosa</i> (Deuteromycetes)	CHLORIS: <i>Puccinia chloridis</i> (Promycetes)
BARKERIA: <i>Glonium stellatum</i> (Ascomycetes)	CHRYSANTHEMUM: <i>Cercospora chrysanthemi</i> (Deuteromycetes) <i>Septoria macrospora</i> (Deuteromycetes)
BRASSIA. See Orchidaceae	CITRUS AURANTIFOLIA: <i>Elsinoe australis</i> (Ascomycetes) <i>Xanthomonas citri</i> (Schizomycetes)
BRASSICA OLERACEA CAPITATA: <i>Alternaria circinans</i> (Deuteromycetes)	CITRUS LIMON: <i>Elsinoe australis</i> (Ascomycetes) <i>Phoma citricarpa</i> (Deuteromycetes) <i>Septoria citri</i> (Deuteromycetes) <i>Sphaceloma fawcettii scabiosa</i> (Deuteromycetes)
BRASSICA RAPA: <i>Alternaria circinans</i> (Deuteromycetes)	CITRUS PARADISI: <i>Xanthomonas citri</i> (Schizomycetes)
	CITRUS SINENSIS: <i>Alternaria citri</i> (Deuteromycetes) <i>Elsinoe australis</i> (Ascomycetes) <i>Phoma citricarpa</i> (Deuteromycetes) <i>Septoria depressa</i> (Deuteromycetes) <i>Xanthomonas citri</i> (Schizomycetes)

Hosts and diseases—Continued

CITRUS SP.:

Alternaria citri (Deuteromycetes)

COCOS:

Cytophora palmarum (Deuteromycetes)

Diplodia coccocarpa (Deuteromycetes)

Diplodia theobromae (Deuteromycetes)

Phomopsis cocoes (Deuteromycetes)

Valsa chlorina (Ascomycetes)

COFFEA:

Cercospora coffeicola (Deuteromycetes)

Cercospora herrerana (Deuteromycetes)

CORDIA:

Cercospora cordiae (Deuteromycetes)

CUCUMIS MELO:

Alternaria nigrescens (Deuteromycetes)

Alternaria tenuis (Deuteromycetes)

Macrosporium cucumerinum (Deuteromycetes)

CUCUMIS SATIVUS:

Cercospora cucurbiticola (Deuteromycetes)

CUCURBITA MAXIMA:

Bacillus melonis (Schizomycetes)

Mycosphaerella citrullina (Ascomycetes)

CUCURBITA PEPO:

Mycosphaerella citrullina (Ascomycetes)

CYDONIA:

Fabraea maculata (Ascomycetes)

CYMBIDIUM—See Orchidaceae

CYPERUS:

Puccinia canaliculata (Promycetes)

CYPRIPEIDIUM—See Orchidaceae

DASYLIRION:

Phymatotrichum omnivorum (Deuteromycetes)

DENDROBIUM—See Orchidaceae

DIANTHUS:

Alternaria dianthi (Deuteromycetes)

Vermicularia herbarum var. *dianthi* (Deuteromycetes)

ELEOCHARIS:

Endoconidiophora adiposa (Ascomycetes)

EPIDENDRUM—See Orchidaceae

ERYTHROXYLON:

Phyllosticta erythrozyli (Deuteromycetes)

EUPHORBIA:

Phyllosticta euphorbiaecola (Deuteromycetes)

FRAGARIA:

Septoria aciculosa (Deuteromycetes)

FRAXINUS:

Cercospora fraxinites (Deuteromycetes)

GALANTHUS:

Botrytis galanthina (Deuteromycetes)

GARDENIA:

Mycosphaerella gardeniae (Ascomycetes)

Omphalia flava (Basidiomycetes)

GENTIANA:

Sporonema oxycocci (Deuteromycetes)

GLADIOLUS:

Botrytis gladioli (Deuteromycetes)

Fusarium oxysporum (Deuteromycetes)

GYPSOPHILA:

Alternaria dianthi (Deuteromycetes)

HIBISCUS:

Cercospora althaeina (Deuteromycetes)

Chaetomium bostrychodes (Ascomycetes)

Kuehneola malicola (Promycetes)

HORDEUM:

Ustilago hordei (Promycetes)

ILEX:

Trochila ilicis (Ascomycetes)

IPOMOEA:

Diplodia theobromae (Deuteromycetes)

Diplodia tubericola (Deuteromycetes)

Fusarium oxysporum (Deuteromycetes)

Macrophomina phaseoli (Deuteromycetes)

Plenodomus destruens (Deuteromycetes)

IRIS:

Ditylenchus iridis

Leptosphaeria heterospora (Ascomycetes)

LACTUCA:

Cercospora longissima (Deuteromycetes)

LAELIA—See Orchidaceae

LILIUM:

Botrytis elliptica (Deuteromycetes)

Colletotrichum lilii (Deuteromycetes)

LIPPIA:

Acidium evansii (Promycetes)

LYCOPERSICON:

Bacillus aroidea (?) (Schizomycetes)

Colletotrichum nigrum (Deuteromycetes)

Didymella lycopersici (Ascomycetes)

Helminthosporium carposaprum (Deuteromycetes)

Phytophthora capsici (Phycomycetes)

Septoria lycopersici (Deuteromycetes)

MAGNOLIA:

Ascochyta magnoliae (Deuteromycetes)

MAHONIA:

Cumminsia sanguinea (Promycetes)

MALUS:

Coniothyrium fuckelii (Deuteromycetes)

Cytospora leucostoma (Deuteromycetes)

Elsinoe piri (Ascomycetes)

Gloeosporium fructigenum (Deuteromycetes)

Gloeosporium perennans (Deuteromycetes)

Phyllosticta solitaria (Deuteromycetes)

MANGIFERA:

Cercospora mangiferae (Deuteromycetes)

Gloeosporium mangiferae (Deuteromycetes)

MANIHOT:

Cladosporium cucumerinum (Deuteromycetes)

Diplodia tubericola (Deuteromycetes)

MEDICAGO:

Ascochyta imperfecta (Deuteromycetes)

Pseudopeziza medicaginis (Ascomycetes)

MILTONIA—See Orchidaceae

MUSA PARADISIACA:

Cercospora musae (Deuteromycetes)

Stachylium theobromae (Deuteromycetes)

MUSA PARADISIACA SAPIENTUM:

Cercospora musae (Deuteromycetes)

Stachylium theobromae (Deuteromycetes)

NARCISSUS:

Aphelenchoides subtenuis (Nematoda)

Ditylenchus dipsaci (Nematoda)

Fusarium bulbigenum (Deuteromycetes)

NERIUM:

Cercospora neriella (Deuteromycetes)

Macrophoma oleandri (Deuteromycetes)

Phyllosticta nerii (Deuteromycetes)

ODONTOGLOSSUM—See Orchidaceae

OLEA:

Pseudomonas savastanoi (Schizomycetes)

ONCIDIUM—See Orchidaceae

ORCHIDACEAE:

Cercospora angreii (Deuteromycetes)

Colletotrichum lujae (?) (Deuteromycetes)

Colletotrichum orchidearum form *odontoglossi* (Deuteromycetes)

Colletotrichum stanhopeae (Deuteromycetes)

Diplodia henriquesiana (Deuteromycetes)

Gloeosporium affine (Deuteromycetes)

Gloeosporium cattleyae (Deuteromycetes)

Gloeosporium cypripedii (Deuteromycetes)

Gloeosporium dendrobii (Deuteromycetes)

Gloeosporium epidendri (Deuteromycetes)

Gloeosporium laeliae (Deuteromycetes)

Hemileia oenidii (Promycetes)

Hendersonia epidendri (Deuteromycetes)

Macrophoma orchidicola (Deuteromycetes)

Memnonella echinata (Deuteromycetes)

Pestalotia conspicua (Deuteromycetes)

Phyllosticta laeliae (Deuteromycetes)

Phyalospora campiospora (Ascomycetes)

Phyalospora cattleyae (Ascomycetes)

Phyalospora orchidearum (Ascomycetes)

Pythium ultimum (Phycomycetes)

Sclerotium rolsfii (Deuteromycetes)

Septoria orchidearum (Deuteromycetes)

Trichoderma viride (Deuteromycetes)

Uredo guacae (Promycetes)

Uredo oncidii (Promycetes)

ORYZA:

Epidochium oryzae (Deuteromycetes)

Helminthosporium oryzae (Deuteromycetes)

Hormodendrum cladosporioides (Deuteromycetes)

Metasphaeria albescens (Ascomycetes)

Mycosphaerella hondai (Ascomycetes)

Neovossia horrida (Promycetes)

Nigrospora oryzae (Deuteromycetes)

Nigrospora panici (?) (Deuteromycetes)

Nigrospora sphaerica (Deuteromycetes)

Phoma glumarum (Deuteromycetes)

Hosts and diseases—Continued

ORYZA—Continued

- Phyllosticta niurui* (Deuteromycetes)
- Pyrenochaeta oryzae* (Deuteromycetes)

PAEONIA:

- Botrytis paeoniae* (Deuteromycetes)

PANICUM:

- Didymosphaeria graminicola* (Ascomycetes)

PASPALUM:

- Claviceps paspali* (Ascomycetes)
- Fusarium heterosporum* (Deuteromycetes)

PASSIFLORA:

- Phyllosticta superficiale* (Deuteromycetes)

PERISTERIA—See Orchidaceae

PERSEA:

- Botryosphaeria ribis* var. *chromogena* (Ascomycetes)

PETROSELINUM:

- Fusicladium depressum* var. *petroselini* (Deuteromycetes)

PHALAENOPSIS—See Orchidaceae

PHASEOLUS LIMENSIS:

- Colletotrichum truncatum* (Deuteromycetes)
- Elsinoe phaseoli* (Ascomycetes)

PHASEOLUS SP. (string bean):

- Phytophthora phaseoli* (Phycomycetes)

PHORMIUM:

- Physalospora phormii* (Ascomycetes)

PHYSALIS:

- Ascochyta lycopersici* (Deuteromycetes)
- Cercospora physalidis* (Deuteromycetes)
- Nigrospora oryzae* (Deuteromycetes)

PISUM:

- Ascochyta pisi* (Deuteromycetes)
- Colletotrichum truncatum* (Deuteromycetes)

PRIMULA:

- Cercospora primulae* (Deuteromycetes)
- Ramularia primulae* (Deuteromycetes)

PROSOPIS:

- Gloeosporium leguminis* (Deuteromycetes)

PRUNUS DOMESTICA:

- Monilinia fructicola* (?) (Ascomycetes)

PRUNUS PERSICA:

- Monilinia fructicola* (?) (Ascomycetes)

PRUNUS SP. (cherry):

- Monilinia fructicola* (?) (Ascomycetes)

PSIDIUM:

- Cercospora psidii* (Deuteromycetes)
- Pestalotia psidii* (Deuteromycetes)

PUNICA:

- Cercospora lythracearum* (Deuteromycetes)

PYRUS:

- Septoria pyricola* (Deuteromycetes)
- Venturia pyrina* (Ascomycetes)

QUERCUS:

- Actinopelte dryina* (Deuteromycetes)

RHODODENDRON:

- Briosia azaleae* (Deuteromycetes)
- Cercospora handelii* (Deuteromycetes)
- Cytospora subclypeata* (?) (Deuteromycetes)
- Diplodina eurhodendri* (Deuteromycetes)
- Glomerella cincta* (Ascomycetes)
- Gloniopsis levantica* (Ascomycetes)
- Lachnum virgineum* (Ascomycetes)

RHODODENDRON—Continued

- Leptosphaeria azaleae* (Ascomycetes)
- Mycosphaerella rhododendri* (Ascomycetes)
- Pestalotia macrotricha* (Deuteromycetes)
- Pestalotia rhododendri* (Deuteromycetes)
- Septoria azaleae* (Deuteromycetes)

RIBES:

- Septoria ribis* (Deuteromycetes)

ROSA:

- Diplocarpon rosae* (Ascomycetes)
- Diassocia artocreas* (Deuteromycetes)
- Monochaetia compta* var. *ramulicola* (Deuteromycetes)
- Pleospora aculeorum* (Ascomycetes)
- Sclerotopsis concava* (Deuteromycetes)

ROYSTONIA:

- Myrothecium roridum* (Deuteromycetes)

SACCHARUM:

- Cercospora vaginiae* (Deuteromycetes)
- Colletotrichum lineola* (Deuteromycetes)
- Nigrospora sphaerica* (Deuteromycetes)
- Papularia vinosa* (Deuteromycetes)

SALIX:

- Cytospora ambiens* (Deuteromycetes)

SECALE:

- Claviceps purpurea* (Ascomycetes)

SECHIU:

- Mycosphaerella citrullina* (Ascomycetes)

SOLANUM:

- Bacterium solanacearum* (Schizomycetes)
- Ditylenchus destructor* (Nematoda)
- Fusarium trichothecoides* (Deuteromycetes)
- Oospora pustulans* (Deuteromycetes)
- Thecaphora solani* (Promycetes)

SORGHUM VULGARE:

- Cercospora sorghi* (Deuteromycetes)
- Nigrospora sphaerica* (Deuteromycetes)

SORGHUM VULGARE TECHNICUM:

- Colletotrichum graminicolum* (Deuteromycetes)

SPINACIA:

- Peronospora effusa* (Phycomycetes)

STANDHOPEA—See Orchidaceae

TIGRIDIA:

- Ditylenchus dipsaci* (Nematoda)

TRIFOLIUM:

- Cymadothea trifolii* (Ascomycetes)

TRITICUM:

- Leptosphaeria tritici* (Ascomycetes)
- Puccinia glumarum* (Promycetes)
- Puccinia rubigo-vera tritici* (Promycetes)
- Tilletia foetida* (Promycetes)
- Ustilago tritici* (Promycetes)

TULIPA:

- Botrytis tulipae* (Deuteromycetes)

ULMUS:

- Ceratostomella ulmi* (Ascomycetes)

YUCCA:

- Sphaerodothis pringlei* (Ascomycetes)

ZINGIBER:

- Gliomastix convoluta* (Deuteromycetes)
- Memnoniella echinata* (Deuteromycetes)

Hosts unknown

PALM:

- Catacauma palmicola* (Ascomycetes)
- Graphiola phoenicis* (Promycetes)
- Hysterostomella sabalicola* (Ascomycetes)
- Pestalotia palmarum* (Deuteromycetes)

PALM—Continued

- Phomopsis arecae* (?) (Deuteromycetes)

WOOD:

- Schizophyllum commune* (Basidiomycetes)

Countries of origin and diseases

AMERICAN VIRGIN ISLANDS:

- Cladosporium cucumerinum* (?)

ARGENTINA:

- Aspergillus phaeocephalus*
- Elsinoe australis*
- Mycosphaerella citrullina*
- Septoria citri*

AUSTRALIA:

- Claviceps paspali*
- Fusarium heterosporum*
- Gloeosporium dendrobii*
- Mycosphaerella citrullina*

AUSTRALIA—Continued

- Phoma citricarpa*
- Physalospora phormii*
- Septoria depressa*
- Sphaeloma fawcettii scabiosa*

AZORES:

- Fusicladium depressum* var. *petroselini*

BAHAMAS:

- Phyllosticta superficiale*

BELGIUM:

- Cercospora anagreci*
- Cercospora handelii*

Countries of origin and diseases—Continued

BELGIUM—Continued

Cytospora ambiens
Mycosphaerella rhododendri
Pestalotia macrotricha
Pythium ultimum
Septoria azaleae

BERMUDA:

Macrophoma oleandri
Phyllosticta nerii

BRAZIL:

Elsinoe australis
Hemileia oncidii
Memnoniella echinata
Physalospora orchidearum
Sclerotium rolfsii
Uredo oncidii

BRITISH COLUMBIA:

Cercospora primulae
Cumminsia sanguinea
Ramularia primulae
Sporonema oxyzocci
Trochila ilicis

CANADA:

Ascochyta magnoliae
Cytospora leucostoma
Diplodia euryhododendri
Fusarium oxysporum
Septoria aciculosa
Septoria macrospora

CANAL ZONE:

Gloeosporium affine
Mycosphaerella citrullina
Mycosphaerella gardeniae
Phyllosticta laeliae

CEYLON:

Xanthomonas citri

CHILE:

Alternaria cucumerina
Alternaria nigrescens
Alternaria tenuis

CHINA:

Cercospora scolecotrichoides
Gliomastix convoluta
Macrophoma candollei
Memnoniella echinata
Metasphaeria albescens

COLOMBIA:

Anthostomella grandispora
Gloeosporium cattleyae
Phyllosticta laeliae
Sclerotium rolfsii

COSTA RICA:

Cercospora musae
Colletotrichum tujae (?)
Diplodia henriquesiana
Fabraea maculata
Gloeosporium cattleyae
Pestalotia conspicua
Phyllosticta laeliae
Uredo guacae

CUBA:

Cercospora apii
Cercospora longissima
Mycosphaerella citrullina
Puccinopsis caricae
Stachylidium theobromae

DOMINICAN REPUBLIC:

Bacillus aroidea (?)
Cercospora musae
Colletotrichum cajani
Gloeosporium mangiferae
Macrophomina phaseoli
Mycosphaerella citrullina
Myrothecium roridum
Stachylidium theobromae

DUTCH EAST INDIES:

Physalospora orchidearum

ECUADOR:

Nigrospora oryzae
Vermicularia herbarum var. *dianthi*

ENGLAND:

Alternaria circinans
Ascochyta pisi
Botrytis galanthina
Briosia azaleae
Ceratostomella ulmi

ENGLAND—Continued

Cercospora angrei
Cytospora ambiens
Cytospora subclypeata (?)
Ditylenchus dipsaci
Fusarium bulbigenum
Gloeosporium cyripedii
Glomerella cincta
Glomeropsis levantica
Lachnum virgineum
Leptosphaeria azalea
Pestalotia macrotricha
Pestalotia rhododendri
Phyllosticta laeliae
Physalospora orchidearum
Venturia pyrina

ETHIOPIA:

Tilletia foetida
Ustilago hordei

EUROPE:

Discosia artocreae

FRANCE:

Cercospora primulae
Pseudomonas savastanoi
Puccinia buzi
Ustilago hordei
Ustilago tritici

GERMANY:

Botrytis tulipae

GUADELOUPE:

Catacauma palmicola

GUAM:

Valsa chlorina

GUATEMALA:

Cercospora insulana
Cercospora musae
Colletotrichum orchidearum form *odontoglossi*
Colletotrichum stanhopeae
Gloeosporium affine
Gloeosporium cattleyae
Gloeosporium laeliae
Glontium stellatum
Hendersonia epidendri
Macrophoma orchidicola (?)
Pestalotia conspicua
Phyllosticta laeliae
Physalospora campthyspora
Physalospora cattleyae
Sclerotium rolfsii
Trichoderma viride
Uredo anthurii
Vermicularia dematium

HAWAII:

Diplodia theobromae
Gloeosporium leguminum

HONDURAS:

Diplodia tubericola

INDIA:

Epidochium oryzae
Graphiola phoenixis
Xanthomonas citri

ITALY:

Leptosphaeria heterospora

JAMAICA:

Phoma glumarum

JAPAN:

Coniothyrium fuckelii
Hormodendrum cladosporioides
Mycosphaerella hondai
Nigrospora sphaerica
Phyllosticta miurai
Puccinia glumarum

KENYA COLONY:

Xanthomonas citri

LUXEMBURG:

Aphelenchoides subtenius

MALAYSIA:

Glomerella piperata

MARSHALL ISLANDS:

Diplodia coccocarpa var. *malaccensis*

MARTINIQUE:

Cercospora musae

MEXICO:

Actinopelte dryina
Acididium evansii
Alternaria circinans

Countries of origin and diseases—Continued

MEXICO—Continued

Alternaria citri
Alternaria dianthi
Alternaria tenuis
Ascochyta imperfecta
Ascochyta lycopersici
Ascochyta pisi
Bacillus melonis
Bacterium solanacearum
Botryosphaeria ribis var. *chromogena*
Botrytis byssoidea
Botrytis elliptica
Botrytis squamosa
Cercospora althaeina
Cercospora chrysanthemi
Cercospora coffeicola
Cercospora cordiae
Cercospora fraxinites
Cercospora herreraana
Cercospora insulana
Cercospora luthracearum
Cercospora mangiferae
Cercospora musae
Cercospora neriella
Cercospora physalidis
Cercospora psidii
Cercospora sorghi
Cercospora vaginiae
Chlamydomyces palmarum
Cladosporium effusum
Colletotrichum graminicolum
Colletotrichum lili
Colletotrichum lineola
Colletotrichum nigrum
Colletotrichum truncatum
Didymella lycopersici
Diplodia theobromae
Ditylenchus dipsaci
Erosporium cactivorum
Fusarium oxysporum
Fusarium trichothecoides
Gloeosporium leguminum
Gloeosporium perennans
Graphiola phoenixis
Helminthosporium carposaprum
Heterosporium allii
Hysterostomella sabaticola
Kuehneola malvicola
Microcera fujikuroi
Monilinia fructicola (?)
Mycosphaerella citrullina
Nigrospora oryzae
Nigrospora sphaerica
Omphalia flavida
Oospora pustulans
Papularia vinosa
Peronospora effusa
Pestalotia psidii
Phomopsis capsici
Phyllosticta euphorbiaecola
Phyllosticta laeliae
Phyllosticta solitaria
Phymatotrichum omnivorum
Physalospora cattleyae
Physalospora orchidearum
Phytophthora capsici
Phytophthora phaseoli
Plenodomus destruens
Pseudopeziza medicaginis
Puccinia canaliculata
Puccinia chloridis
Septoria lycopersici
Septoria macrospora
Septoria orchidearum
Sphaerodothis pringlei
Stachylium theobromae
Stagonospora gigantea
Thecaphora solani
Venturia pyrina
NETHERLANDS:
Alternaria circinans
Aphelenchoides tenuis
Botrytis gladioli
Botrytis paeoniae
Cercospora handelii
Coleosporium campanulae

NETHERLANDS—Continued

Discoia artocreas
Ditylenchus iridis
Fusarium bulbigenum
Leptosphaeria tritici
Monochaetia compta var. *ramulicola*
Mycosphaerella rhododendri
Nectria cinnabarina
Pleospora aculeorum
Puccinia rubigo-vera tritici
Sclerotopsis concava
Tubercularia vulgaris
NEWFOUNDLAND:
Septoria ribis
NEW GUINEA:
Didymosphaeria graminicola
Gloeosporium denrobbii
NEW HEBRIDES:
Cytospora palmarum
NEW ZEALAND:
Claviceps purpurea
Leptosphaeria heterospora
OKINAWA (?)
Phyllosticta miurai
Pyrenochaeta oryzae
PANAMA:
Cercospora cucurbiticola
Cercospora musae
Colletotrichum nigrum
Mycosphaerella citrullina
PARAGUAY:
Claviceps paspali
PERU:
Phyllosticta erythrozyti
Ustilago tritici
PHILIPPINES:
Diplodia theobromae
Gloeosporium affine
Phyllosticta laeliae
Schizophyllum commune
Xanthomonas citri
PORTUGAL:
Ascochyta pisi
Septoria pyricola
PUERTO RICO:
Cercospora musae
Colletotrichum cajani
Colletotrichum truncatum
Elsinoe phaseoli
Macrophomina phaseoli
Phoma glumarum
ST. LUCIA:
Gloeosporium epidendri
SAMOA:
Phomopsis arecae (?)
SCOTLAND:
Stemphylium botryosum
SOUTH PACIFIC:
Chaetomium bostrychodes
Physalospora orchidearum
SPAIN:
Elsinoe piri
Septoria citri
SWEDEN:
Ditylenchus destructor
SWITZERLAND:
Phoma camelliae
TRINIDAD:
Gloeosporium anthurii
ULITHI:
Phomopsis cocoes
UNION OF SOUTH AFRICA:
Gloeosporium fructigenum
UNKNOWN:
Alternaria citri
Coniosporium sphaerospermum
Cymadothea trifolii
Eriosporina tritici
Helminthosporium oryzae
Hendersonia donacis form *bambusina*
Leptosphaeria tritici
Neovossia horrida
Nigrospora oryzae
Nigrospora panici (?)
Pestalotia palmarum
Pseudopeziza medicaginis

Countries of origin and diseases—Continued

UNKNOWN—Continued

Puccinia rubigo-vera tritici
Ustilago hordei

URUGUAY:

Ascochyta pisi
Elsinoe australis
Mycosphaerella citrullina
Ustilago bullata

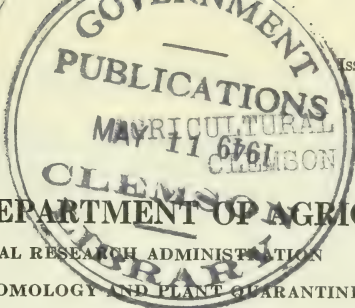
VENEZUELA:

Diplocarpon rosae
Diplodia tubericola
Gloeosporium affine
Gloeosporium cattleyae
Memnoniella echinata

VIRGIN ISLANDS:

Elsinoe phaseoli



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AGRICULTURAL RESEARCH ADMINISTRATION

BUREAU OF ENTOMOLOGY AND PLANT QUARANTINE

SERVICE AND REGULATORY ANNOUNCEMENTS**LIST OF INTERCEPTED PLANT PESTS, 1947¹**

(List of Pests Recorded During the Period July 1, 1946, to June 30, 1947, Inclusive, as Intercepted in, on, or with Plants and Plant Products Entering United States Territory)

INTRODUCTION

This report, covering the thirty-fourth year for which interception lists have been issued, summarizes the records of insect pests and plant pathogens found in, on, or with plants and plant products (1) imported, (2) offered for, but refused entry, (3) held as ships' stores, etc., and hence not offered for entry through customs, (4) offered for entry for immediate export or for immediate transportation and exportation in bond, and (5) in domestic shipments between Hawaii and Puerto Rico and the mainland.

In some cases collections made late in the year are included in the report for the following year, since determinations cannot be obtained immediately for all of them. Occasionally determinations are delayed for longer periods. The data for this list are obtained from routine reports by personnel of this Bureau, supplemented by information supplied by State and Customs officials. The States of California and Florida maintain staffs of specialists who determine a large proportion of the material collected at their ports. Specialists of the Bureau of Plant Industry, Soils, and Agricultural Engineering determine many of the difficult or unusual pathogens collected at the ports.

All scientific names are reviewed by appropriate specialists in the Department to assure conformance to the international rules of nomenclature.

While every reasonable effort is made to give the correct origin for all collections listed, the alleged origin of host plant materials cannot be verified in all cases, and where there is reason to doubt the accuracy of the information, the questionable items are either omitted or the origin is listed as unknown.

With the return of international commerce to peacetime activity there has been an upward trend in the arrival of plant propagative material from various parts of the world. Such perishable plant importations, arriving more and more frequently by air-transportation, reach this country in better condition than formerly, but rapid transportation, so favorable to the plants, offers a greater opportunity for pests, which formerly perished on a long sea voyage, to arrive in this country in a living condition. This threat to the nation's interests is, however, being kept at a relatively low level by the continued cooperation of personnel of both the air lines and the military services who materially aid in the enforcement of plant quarantine regulations designed to reduce the air movement of potentially dangerous plant materials to a minimum.

INTERCEPTIONS FROM AIR-BORNE MATERIAL

Air-borne plant material arrives in mail, baggage, express, stores, and freight, and interceptions of plant pests from such material have been frequent. During the year 4,995 interceptions were made of insects found in agricultural material arriving by air or as stowaways in planes. There were 257 interceptions of plant diseases. Approximately half of the plant disease organisms were not determined to species and, from the evidence, appear to represent little or no risk to this country. A few of the disease organisms specifically determined but not known

¹ Compiled by W. H. Wheeler, pathologist, Judith Hunt, scientific aid, and E. P. Reagan, entomologist, Division of Foreign Plant Quarantines.

to be in the United States are, however, reported to be important parasites of their hosts in foreign countries. These totals for plant disease interceptions while not large, serve to illustrate the disease-carrying possibilities of plant materials brought to this country by air transportation. Some of the most important insects intercepted during the year were taken from host fruits and plants arriving by plane, and the number of such interceptions increased with the growth of air traffic. In fact, planes are becoming the most frequent source of interception of certain notoriously destructive pests, particularly fruit flies.

Among the insects found in air-borne material was the whitefly *Aleurothrix myrtacei* on Cape-jasmine in baggage from Mexico; *Anastrepha fraterculus* in orange in baggage from Colombia; *A. fraterculus* (?) in coffee berries and sapodilla from Colombia; Mexican fruit fly (*A. ludens*) in orange and mango in baggage from Mexico and in orange in stores from Guatemala, in pear in stores from Mexico and in sapote in baggage from Guatemala; West Indian fruit fly (*A. mombinpraeoptans*) in mango in baggage from Costa Rica, Cuba, Dominican Republic, Jamaica, Panama, Puerto Rico, and Salvador, in mango in stores from Puerto Rico, in guava in baggage from Puerto Rico, in yellow mombin in baggage from Jamaica, Nicaragua, and Puerto Rico, in yellow mombin in quarters from British Honduras and Costa Rica, in *Spondias* sp. in baggage from Central America, Nicaragua, and Puerto Rico, in roseapple in baggage from Nicaragua and Puerto Rico, and in unknown fruit in baggage from Puerto Rico; *A. serpentina* in *Calocarpum sapota* in baggage from Salvador, and in mamey in stores from Mexico; *A. serpentina* (?) in orange in cargo from Colombia; *A. striata* in guava in baggage from Salvador; *A. suspensa* in guava in baggage from Cuba and Puerto Rico, and in malay apple in baggage from the Dominican Republic; Mediterranean fruit fly (*Ceratitis capitata*) in pepper in baggage from Bermuda, in apple and orange in stores from Portugal, in coffee berries in baggage from Brazil, in fig in baggage from Bermuda, and in guava in baggage from Egypt; an adult of *Cylas formicarius turcipennis* in a sack of sweetpotatoes in stores from the Philippines; East Indian bean pod borer (*Maruca testulalis*) in bean and pigeonpea in baggage from Puerto Rico; pink bollworm (*Pectinophora gossypiella*) in cotton motes in cargo from Brazil and in cottonseed in baggage from the Bahamas, Guam, and Venezuela and in cargo from Argentina.

The more important plant disease organisms found on air-borne material, not believed to be established in the United States, were *Cercospora angraeci* on *Odontoglossum* orchid in cargo from England, *Cercospora musae* on banana leaf packing in cargo from the Philippines, *C. neriella* on oleander in baggage from Bermuda, *Cerotelium desmum* on a cotton leaf in baggage from Puerto Rico, *Diplodia epicocos* on cohune palm in baggage from Brazil and on coconut in baggage from Trinidad, *Hemileia oncidii* on *Oncidium* orchid in cargo from Brazil, *Leptosphaeria ruscii* on *Ruscus aculeatus* in baggage from Ireland, *Macrophoma oleandri* on oleander in baggage from Bermuda, *M. oncidii* on *Cattleya* orchid in express and cargo from Colombia and Venezuela, *Pestalotia psidii* on guava in baggage from Puerto Rico, and *Phyllosticta laeliae* on various orchids in cargo and express from Brazil and Mexico.

NOTES ON INSECTS INTERCEPTED

FRUIT FLIES

Anastrepha fraterculus was intercepted in orange from Colombia and in peach from Mexico. *A. fraterculus* (?) was taken in sapodilla and coffee berry from Colombia. The Mexican fruit fly (*A. ludens*) was intercepted in apple, avocado, grapefruit, mango, orange, quince, peach, pear, pomegranate, sour orange, sweet lime, and white sapote from Mexico, and orange and sapote from Guatemala. Pupae and an adult of *A. ludens* were found in a crack of the floor of a box car from Mexico. *A. ludens* (?) was taken in grapefruit from British Honduras. The West Indian fruit fly (*A. mombinpraeoptans*) was intercepted in guava, mango, roseapple, *Spondias mombin*, and *Spondias* sp., and unknown fruit from Puerto Rico, in roseapple, *Spondias mombin*, and *Spondias* sp. from Nicaragua, in mango and star-apple from the Dominican Republic, in mango and *Spondias mombin* from Costa Rica and Salvador, in mango from the Canal Zone, Cuba, Haiti, Mexico, Panama, and Salvador, in mango and *Spondias mombin* from Jamaica, in *S. mombin* from British Honduras, and in *Spondias* sp. from Central America, and Guatemala. *A. serpentina* was taken in mamey from Mexico, in sapote from Salvador, and in sapodilla from Ecuador, and *A. serpentina* (?) in orange from Colombia. *A. striata* was found in guava from Salvador. *A. suspensa* was intercepted in guava

from Cuba and Puerto Rico, in malay apple from the Dominican Republic, and tropical almond from Puerto Rico. The Mediterranean fruit fly (*Ceratitis capitata*) was found in apple and tangerine from Italy and Portugal, in date from Lebanon, in coffee berries from Brazil and Hawaii, in fig from Bermuda, Italy, and Palestine, in grape from Argentina, in grapefruit from Argentina, Egypt, Palestine, Paraguay, and the Union of South Africa, in guava from Egypt, in mango and papaya from Hawaii, in medlar from Italy, in orange from Brazil, Egypt, Greece, Palestine, and Portugal, in pepper from Bermuda, in persimmon from Spain, in plum from Algeria and Italy, in pomegranate from Italy, in tropical almond from Brazil, on paper wrapper around oranges and tangerines from Italy, and *C. capitata* (?) in grapefruit from Argentina, and in strawberry guava and tomato from Hawaii. The melon fly (*Dacus cucurbitae*) was intercepted in balsampear, cucumber, lima bean, pepper, pigeonpea, squash, string bean, sweetbell pepper, and tomato from Hawaii. The olive fly (*D. oleae*) was found in olive from Italy. The celery fly (*Philophylla heraclei*) was taken in celery from England. *Rhagoletis cerasi* was intercepted in cherry from Germany, Italy, and Portugal. *R. completa* was taken in the husk of walnut from Mexico. The apple maggot (*R. pomonella*) was found in apple from Mexico and *R. pomonella* (?) in thornapple from Mexico. *R. striatella* (?) was intercepted in husk tomato from Mexico.

INSECTS OTHER THAN FRUIT FLIES

The citrus blackfly (*Aleurocanthus woglumi*) was intercepted on leaves of *Citrus* sp., mango, orange, sour and sweet lime from Mexico, and on grapefruit leaf from Cuba. *Aleurothrixus myrtacei* was found on herb leaves from British Guiana. *Apion godmani* was intercepted in string bean from Mexico. The strawberry root weevil (*Brachyrhinus ovatus*) was taken in soil around roots of *Primula* sp. from Canada. The black vine weevil (*B. sulcatus*) was found on astilbe roots from the Netherlands and on trailing arbutus from Canada. The bruchid, *Bruchidius incarnatus*, a serious pest, not yet known to be established in the United States, was intercepted in a broadbean from Egypt. The Asiatic rice borer (*Chilo simplex*) was taken in rice straw from China and Japan, and corn (?) stalk from India. *Cryptotermes dudleyi*, not in the United States, was intercepted in unknown wood from Colombia. *Cylas femoralis* was found in sweetpotato from the Gold Coast; *C. formicarius* var. in sweetpotatoes from China, and *C. formicarius turcipennis* in sweetpotatoes from the Philippines. *Epicaerus cognatus* was taken in potato from Mexico. The mite, *Halotydeus destructor*, a serious pest of vegetables and legumes in Australia and South Africa and not yet known to be established in North America, was intercepted on the leaf of *Beta* sp. from the Union of South Africa. *Neoleucinodes elegantalis* was taken in tomatoes from Mexico and in eggplant from Brazil. The silky cane weevil (*Metamasius sericeus*) was intercepted with bananas from Costa Rica, Honduras, and Panama. *Pantomorus xanthographus* was taken with grapes in excelsior packing from Argentina. The pink bollworm (*Pectinophora gossypiella*) was intercepted in cottonseed from Argentina, the Bahamas, Brazil, China, Colombia, Egypt, Guam, Hawaii, Mexico, and Venezuela, in seed cotton from Mexico, in cotton boll from Hawaii, in cotton lint from Brazil, and in okra from the American Virgin Islands and Puerto Rico. A coccid, tentatively identified as *Phenacaspis whitehilli*, was taken on *Euphorbia* sp. from the Union of South Africa. *Pityogenes chalcographus*, not known to occur in North America, was found in pine from Czechoslovakia, France, Netherlands, and Sweden, and in spruce (?) wood from Sweden. *Sesamia cretica* was intercepted in broomcorn from Italy. The coffee berry borer (*Stephanoderes hampei*) was found in coffee beans from Angola, England (?), Ivory Coast, Portugal and Uganda.

NOTES ON PLANT DISEASES INTERCEPTED

For a second year India and Ceylon have contributed the majority of interceptions of citrus canker (*Xanthomonas citri*), a disease of serious consequence to citrus production wherever it is known. Other countries from which the disease came were China and the Philippines, while the infected species of citrus were the grapefruit, lemon, sour limes, and sweet oranges. A second disease of concern to citrus producers, the sweet orange scab (*Elsinoe australis*), was taken twice from Argentina on sweet orange, and ten times from Brazil on lemon and sweet orange. Other diseases worthy of note were a fruit-spotting fungus (*Alternaria capsici-annui*) from Italy and Algeria; a leaf spot (*Cercospora hyalina*) of rose from Mexico; the banana leaf spot (*Cercospora musae*) from various countries

where it is known and for the first time from the Philippines; a rust (*Chrysomya rhododendri*) of rhododendrons having spruce as the alternate host, from England; a virulent wound parasite (*Cryptospora longispora*) of araucaria from Australia; a canker fungus (*Cytospora laburni*) on laburnum from the Netherlands; a dahl smut (*Entyloma dahliae*) on dahlia from Mexico; a fruit-rotting fungus (*Helminthosporium carposaprum*) of tomato from Cuba; a stem fungus (*Leptosphaeria vinealis*) of grape from Italy; a nut fungus (*Macrophoma macadamiae*) of macadamia from Australia; a brown rot fungus (*Monilinia fructigena*) of pear from Italy; a fruit-spotting fungus (*Pestalotia psidii*) of guava from Puerto Rico; citrus black spot (*Phoma citricarpa*) from the Philippines (the first report); stem fungus (*Phoma cydonia*) on flowering quince from the Netherlands; a fruit spotting fungus (*Phoma psidii*) on guava from Mexico; a seed fungus (*Phoma zeicola*) on *Coix stenocarpa* (?) from India; a stem fungus (*Phomopsis rhois*) on the smoketree from the Netherlands; a leaf fungus (*Phyllachora melinicola*) on species of *Melinis* from Uganda; a nut fungus (*Sclerotium aesculi*) on aesculus from England; a leaf-spotting fungus (*Septoria posekensis*) of various orchid genera from India; a fruit-spotting fungus (*Sphaceloma punicae*) on pomegranate from Mexico; a stem fungus (*Tapesia rosae*) on rose from Belgium and Finland; a rust (*Uromyces aloes*) on haworthia from the Union of South Africa; and a rust (*Uromyces fabae*) on lentil from France (?).

Of the 1,081 species of pathogens or other organisms listed in the table, 55 were new to the interception files. Interceptions of the other 1,026 pathogens showed 77 new countries of origin and 25 new hosts.

COMMON PESTS INTERCEPTED

Large numbers of cosmopolitan pests of minor plant quarantine importance are intercepted during the course of inspection of imported plant material for pests new to or not widely distributed in this country. These cosmopolitan forms are checked to insure that new important pests, resembling the common ones, are not overlooked. Records are made of some of these findings in order to give a more complete picture of the work and of the condition of plant material offered for entry. Such records as were made are summarized here. The first number following the name of a pest indicates the number of countries of origin and the second, the total number of interceptions that were recorded during the year.

INSECTS

Insects intercepted 10 or more times, and recorded, included *Acanthoscelide oblectus* (9-15), *Ahasverus advena* (9-50), *Anthonomus eugenii* (2-1, 146), *Aonidiella aurantii* (22-75), *Araecerus fasciculatus* (8-13), *Aspidiotus camelliae* (1-58), *A. cyanophylli* (9-38), *A. hederæ* (4-13), *A. lataniae* (13-43), *Carpocapsa pomonella* (1-234), *Cerataphis lataniae* (13-227), *Chrysomphalus aonidium* (15-66), *C. dictyospermi* (16-42), *Coccus hesperidum* (15-41), *Dermestes ater* (12-25), *Diaspidiotus boissduvalii* (25-621), *D. bromeliae* (1-345), *Gnorimoschema operculella* (9-53), *Heliothis armigera* (4-5, 172), *H. virescens* (1-138), *Ischnaspis longirostris* (5-14), *Keiferia lycopersicella* (2-5, 164), *Laphygma exigua* (1-99), *L. frugiperda* (1-472), *Lasioderma serricornis* (5-10), *Lepidosaphes beckii* (35-204), *L. gloverii* (13-37), *Macrosiphum luteum* (7-16), *Necrobia rufipes* (9-55), *Oryzaephilus surinamensis* (11-17), *Parlatoria pergandii* (17-57), *P. proteus* (7-28), *Pinnaspis aspidistra* (7-10), *Pseudococcus adonidum* (8-74), *P. brevipes* (8-313), *Pseudoparlatoria parlatorioidea* (6-13), *Rhizoglyphus echinopus* (12-198), *Saissetia hemisphaerica* (10-66), *Selenaspis articulatus* (14-38), *Sitophilus oryza* (12-45), *Sterictiphorus zabriskiei* (1-59), *Tenebroides mauritanicus* (1-11), *Tribolium castaneum* (5-10), *Typhaea stercorea* (8-18).

In addition, there were 2,242 interceptions belonging to 708 species which were not deemed to be of sufficient importance from the plant-quarantine viewpoint to warrant listing by species. The number of interceptions of more or less cosmopolitan species totaled 17,688.

DISEASES

Common plant pathogens reported 10 or more times during the year included *Actinomyces scabies* (22-137), *Acrostalagmus cinnabarinus* (25-100), *Agrobacterium tumefaciens* (5-26), *Alternaria circinans* (4-11), *A. solani* (4-59), *A. tenuis* (8-165), *A. tomatum* (2-490), *Aspergillus niger* (23-293), *Botrytis allii* (10-64), *B. cinerea* (19-44), *B. narcissicola* (6-49), *B. tulipae* (4-35), *Capnodium citri*

(13-47), *Cercospora rosicola* (2-38), *Chlamydomyces palmarum* (4-10), *Cladosporium fulvum* (8-10), *C. herbarum* (17-26), *Colletotrichum circinans* (4-36), *C. gloeosporioides* (20-407), *C. lindemuthianum* (5-16), *C. orchidearum* (13-217), *Diaporthe citri* (29-111), *Diplocarpon rosae* (3-32), *Diplodia natalensis* (14-150), *Endoconidiophora adiposa* (1-99), *E. paradoxa* (11-32), *Erwinia carotovora* (13-30), *Fusarium oxysporum gladioli* (1-10), *F. solani* (1-18), *Gloeosporium limetticolum* (5-12), *Helminthosporium allii* (7-929), *Heterodera marioni* (10-21), *Heterosporium echinulatum* (6-29), *Leptosphaeria salvinii* (6-23), *Lethum australiense typicum* (1-350), *Marmor tabaci vulgare* (1-300), *Nigrospora sphaerica* (2-11), *Oospora citri-aurantii* (9-58), *O. lactis parasitica* (8-88), *Pellicularia filamentosa* (22-398), *Penicillium digitatum* (10-92), *P. gladioli* (7-46), *P. italicum* (17-55), *Phoma destructiva* (3-232), *Physalospora orchidearum* (5-12), *Phytophthora infestans* (6-18), *Pseudomonas marginata* (13-201), *Puccinia allii* (7-19), *P. chrysanthemi* (3-14), *P. graminis* (10-27), *P. purpurea* (1-11), *Rhizopus nigricans* (27-1, 391), *Sclerotinia sclerotiorum* (16-69), *Septoria gladioli* (12-134), *Shpaceloma fawcettii* (21-74), *S. perseae* (3-354), *Sphaerotheca pannosa* (4-24), *Stomatinia gladioli* (4-54), *Stysanus stemonites* (6-38), *Tilletia caries* (2-69), *Trichoderma lignorum* (5-39), *Trichothecium roseum* (18-79), *Uromyces caryophyllinus* (5-28), *Ustilago maydis* (1-16), *Venturia inaequalis* (22-75), *Verticillium albo-atrum* (10-18), *Xanthomonas phaseoli* (2-43), *X. vesicatoria* (4-1, 862).

Interceptions of 101 other common pathogens totaled 365, making 10,440 interceptions of common diseases recorded during the year.

INCOMPLETELY DETERMINED PESTS

Frequently inspectors find insects or pathogens affecting plant material, in such a stage or condition that complete and accurate determination is impracticable or impossible. Some of these insects and pathogens are without doubt new to science, and may be destructive pests. The notes below are given to show the general nature of such incompletely determined interceptions.

INSECTS

Among the incompletely determined insects intercepted during the year were the following fruit flies: *Anastrepha* sp., probably *fraterculus*, at Boston in grapefruit in stores from Paraguay and in orange in stores from Argentina and Brazil, at New York and Philadelphia in orange in stores from Brazil, at Miami in quince in baggage from Peru, and at New York in loquat in stores from Brazil; *Anastrepha* sp., probably *ludens*, at Laredo in apple in baggage from Mexico; *Anastrepha* sp., probably *mombinpraeoptans*, at New York in sapodilla in baggage from Puerto Rico, in mango in baggage from Mexico and Panama, at El Paso in mombin in baggage from Salvador, at New Orleans in mango in baggage from Salvador, and in mombin in baggage from Costa Rica and Mexico; *Anastrepha* sp., probably *serpentina*, at New Orleans in sapote in baggage from Guatemala; *Anastrepha* sp. at Miami in *Opuntia* sp. and roseapple in baggage from Colombia, in *Spondias* sp. in baggage from Salvador, in custardapple and mango in cargo from Peru, in guava in baggage from Cuba and Puerto Rico, in persimmon in cargo from Brazil, at Baltimore and New York in orange in quarters from Brazil, at West Palm Beach in orange in baggage from Brazil, at Pensacola, New York, Galveston, and Baltimore in orange in stores from Brazil, at Philadelphia in orange in stores from Argentina, at Laredo in quince in baggage from Mexico, at Jacksonville in grapefruit in stores from Argentina, at New Orleans in grapefruit in stores from Mexico, at New York in grapefruit in stores from Brazil and Dutch Guiana, at Port Arthur in guava in stores from Panama, at New Orleans in guava in baggage from Nicaragua and Salvador, at New York in guava in baggage from Brazil, at New Orleans in mango in quarters and baggage from Guatemala, in stores from Honduras, at San Pedro in mango in baggage from Nicaragua, at Brownsville in mango in express from Salvador, at Hidalgo and San Antonio in mango in baggage from Mexico, at New Orleans in mango in baggage from Guatemala and Puerto Rico, at El Paso in mango in quarters from Mexico; *Dacus* sp. at San Pedro in balsam pear in stores from the Philippines, and probably *Dacus* sp. at Honolulu and San Francisco in sapodilla in baggage from Hawaii and the Philippines; *Rhagoletis* sp., possibly *cingulata* (Loew), at El Paso in cherry in baggage from Mexico; *Rhagoletis* sp., probably *pomonella*, at Laredo in apple and red haw in baggage from Mexico; *Rhagoletis* sp. at Laredo in black walnut and red haw in baggage from Mexico, at Miami in apple in baggage from Colombia, at El Paso

in apple and wild currant in baggage from Mexico; probably *Rhagoletis* sp. ? El Paso in wild currant in baggage from Mexico; four interceptions which could not be identified beyond family (Tephritidae) were taken at Galveston on cabbage leaf in stores from England, at New York in grapefruit in stores from the Belgia Congo, in *Clerodendron japonicum* seed in mail from India, and in orange in store of an airplane, origin unknown.

The following miscellaneous insects of special interest were intercepted: *Acanthoscelides* sp., perhaps *spinipes* (Er.), was taken at Philadelphia in sweet acacia seed in mail from Greece; a number of interceptions of the Aleo-rodidae (Aleo-rodicinae, new genus and new species) at Brownsville, El Paso, Laredo, and San Francisco on orchids in cargo from Bolivia, Canal Zone, Guatemala, and Mexico; *Aleuoparadoxus* n. sp. (Aleo-rodidae) at Brownsville on Cape-jasmin in cargo from Mexico; *Algarobius* sp., probably *ceratioborus* (Philippi) (Bruchidae) at New York in *Chorisia speciosa* and *Prosopis nigra* in mail from Argentina; curculionid (*Anchonus* sp., near *suillus* (F.)) at Laredo under the bark of mulberry plant in mail from the Bahamas; an undescribed species of the coccid, *Aspidiotu* (*Hemiberlesia*) sp., at Brownsville and San Francisco on *Odontoglossum* sp. in cargo from Guatemala; a bruchid (*Caryedon* sp., probably *fuscus* Goeze) at Hoboken in *Beaumontia grandiflora* in mail from India, and at Washington, D. C. in *Cordeauxia edulis* in mail from Tanganyika; *Coccotrypes* sp., probably *pygmaeu* Eichh. (Scolytidae), at Hoboken in bean and sugarapple seeds in mail from the Dominican Republic; *Coptotermes* sp., a very destructive termite, at New York with apples in cargo from Australia; an elaterid, *Corymbites* sp., at Philadelphia in grass sod in cargo from Sweden, and at Norfolk in soil in sand ballast in the hold of a ship from Sweden; *Cylas* sp., probably *puncticollis* Boh. (Curculionidae) at Baltimore in sweetpotato in stores from British West Africa; *Diocalandra* sp., probably *taitensis* (Guer.) (Curculionidae), at San Francisco in coconut in baggage from Hawaii; a scolytid, *Pityophthorus* sp., probably *exsulptus* (Ratz.), at Hoboken in woods moss packing around azalea plants in cargo from Belgium; an undescribed species of aleo-rodid, *Tetralicia* sp., at Brownsville, Eagle Pass, El Paso, Nogales, San Antonio, and San Ysidro on Cape-jasmine in baggage and quarters from Mexico and Salvador; apparently an undescribed species of *Trionymus* sp. (Coccidae) at Hoboken on *Hylocereus triangularis* in mail from Mexico, and at San Francisco on *Haworthia asperiuscula subintegra* in mail from the Union of South Africa; *Xanthonia* n. sp. (Chrysomelidae) at Brownsville and Laredo on orchids in cargo from Mexico.

DISEASES

Among the incompletely determined plant disease organisms collected from incoming material during the year were *Ascochyta* sp. on snowdrop bulbs from the Netherlands; *Camarsporium* sp. on sweet orange from Mexico; *Ceratostomella* sp. on narcissus bulbs from England, North Ireland, the Netherlands, and New Zealand; *Cercospora* sp. on statice from Guatemala and Mexico; *Cercospora* sp. on leaf-eroten from Bermuda; *Cercospora* sp. on cocaine-tree from Peru; *Cercospora* sp. on banana from Ecuador; *Cercospora* sp. on avocado from Mexico; *Coniothyrium* sp. on parrotia from the Netherlands; *Cytospora* sp. on plum from Japan; *Diaporthe* sp. on winterhazel from the Netherlands; *Elsinoe* sp. on mesquite from Mexico; *Helminthosporium* sp. on tomato from Mexico; *Macrophoma* sp. on sea-grape from Bermuda; *Mycosphaerella* sp. on camellia from Australia; *Pestalotia* sp. on guava from Mexico; *Phoma* sp. on lemon from the Canary Islands and Spain; *Phoma* sp. on sweet orange from Venezuela and Uruguay; *Phoma* sp. on avocado from Mexico; *Phomopsis* sp. on parrotia and winterhazel from the Netherlands; *Phyllosticta* sp. on apricot from the Azores; *Phytophthora* sp. on *Cattleya* sp. an orchid from England and Venezuela; *Selenophoma* sp. on various orchids from Brazil, England, Guatemala, India, and Mexico; *Septoria* sp. on *Odontoglossum citrosimum* (orchid) from Mexico, and *Uredo* sp. on brickellia from Mexico.

Nematode interceptions of interest were *Aphelenchoides* sp. on glory-of-the-snow from the Netherlands; *Aphelenchoides* sp. in potato from New Zealand; and *Pratylenchus* sp. in potato from China.

A total of 7,910 incompletely determined pathogens were recorded during the year.

Geographic summary of interceptions listed in main table and interception totals

Country	Insect	Disease	Country	Insect	Disease
	<i>Number</i>	<i>Number</i>		<i>Number</i>	<i>Number</i>
Africa:			Europe—Continued.		
Algeria.....	7	1	Union of Soviet Socialist Republics.....	0	2
Angola.....	1	0	North America:		
British West Africa.....	2	0	Bermuda.....	23	8
East Africa.....	1	0	Canada.....	6	6
Egypt.....	11	3	British Columbia.....	1	0
Gold Coast.....	24	0	Central America.....	3	0
Ivory Coast.....	1	0	British Honduras.....	2	0
Kenya.....	2	12	Canal Zone.....	78	0
Liberia.....	1	0	Costa Rica.....	43	9
Madeira Islands.....	2	0	Guatemala.....	85	43
Morocco.....	5	2	Honduras.....	12	12
Mozambique.....	3	0	Nicaragua.....	9	0
Nigeria.....	2	0	Panama.....	18	12
South West Africa.....	1	0	Salvador.....	14	0
Transvaal.....	2	0	Mexico.....	1,976	335
Tunisia.....	2	1	West Indies.....	0	1
Uganda.....	1	2	American Virgin Islands.....	3	0
Union of South Africa.....	12	5	Antigua.....	1	0
West Africa.....	2	1	Aruba.....	1	0
Asia:			Bahamas.....	24	1
China.....	18	14	Barbados.....	1	0
India.....	21	44	British West Indies.....	0	1
Iran.....	1	0	Cuba.....	136	13
Japan.....	26	9	Curacao.....	3	0
Korea.....	5	0	Dominican Republic.....	21	3
Lebanon.....	2	0	Grenada.....	2	0
Palestine.....	3	0	Haiti.....	9	2
Syria.....	1	0	Jamaica.....	48	1
Australasia:			Montserrat.....	1	0
Australia.....	6	3	Puerto Rico.....	386	16
Canton Island.....	1	0	St. Lucia.....	1	0
Ceylon.....	0	3	Trinidad.....	28	2
Christmas Island.....	2	0	Virgin Islands.....	3	0
Fiji Islands.....	2	0	South America:		
Guam.....	2	4	Argentina.....	31	2
Hawaii.....	169	2	Brazil.....	97	28
Java.....	1	0	British Guiana.....	17	2
Johnston Island.....	5	0	Chile.....	3	12
Kwajalein Island.....	1	0	Colombia.....	102	9
Majuro Island.....	2	0	Dutch Guiana.....	3	0
New Guinea.....	0	2	Ecuador.....	7	0
New Zealand.....	0	1	Paraguay.....	4	0
Palmyra Island.....	3	0	Peru.....	8	2
Philippines.....	50	7	South America.....	2	0
Queensland.....	0	1	Venezuela.....	190	13
Saipan.....	1	0	Total:		
Samoa.....	1	0	Africa.....	82	27
South Pacific.....	46	1	Asia.....	77	67
Tahiti.....	1	1	Australasia.....	294	25
Tinian Island.....	1	0	Europe.....	452	430
Europe:			North America.....	2,943	465
Austria.....	3	0	South America.....	464	68
Belgium.....	29	30	Unknown.....	32	1
Czechoslovakia.....	7	1	Total.....	4,344	1,083
Denmark.....	7	0	Total (common pests,		
England.....	66	24	pp. 4, 5).....	17,688	10,440
Finland.....	1	2	Total (incompletely		
France.....	40	5	determined pests,		
Germany.....	2	1	pp. 5, 6).....	8,733	7,910
Greece.....	15	1	Total insect intercep-	30,765	-----
Ireland.....	2	2	tions.....		
Italy.....	98	19	Total disease intercep-		
Malta.....	2	0	tions.....		19,433
Netherlands.....	86	330	Grand total.....		50,198
Norway.....	12	2			
Portugal.....	18	3			
Scotland.....	10	0			
Spain.....	19	3			
Sweden.....	35	4			
Switzerland.....	0	1			

NOTE.—In addition to the countries named above, interceptions were made from Admiralty Islands, Alaska, Azores, Batavia, Belgian Congo, Bikini, Bolivia, Canary Islands, Canton Island, Channel Islands, Cocos Islands, Crete, Cyprus, Formosa, French Guiana, French West Africa, Gibraltar, Greenland, Guadalcanal, Guernsey, Hungary, Iceland, Indo-China, Leeward Islands, Luxembourg, Madagascar, Malaysia, Manua Islands, Mariana Islands, Marshall Islands, Martinique, Midway, Newfoundland, New South Wales, North Ireland, Nova Scotia, Nyasaland, Okinawa, Poland, Pretoria, Rhodesia, Rumania, St. Vincent, Siam, Sierra Leone, Straits Settlements, Tanganyika, Tarawa, Tasmania, Tripoli, Turkey, Uruguay, Wales, and Yugoslavia.

List of pests (insects) collected and reported from July 1, 1946 to June 30, 1947 inclusive

[An asterisk indicates State inspection]

Insect and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
<i>Acanthognathus lentus</i> Mann (Formicidae)					
<i>Cattleya mossiae</i> (orchid)	Venezuela			1	Calif.*
<i>Acanthoscelides armitagei</i> (Pic) (Bruchidae):					
<i>Cajanus cajan</i> (pigeonpea)	British Guiana, Canal Zone	5			N. Y.
<i>Aceratagallia gillettei</i> (O. & B.) (Cicadellidae):					
<i>Lactuca sativa</i> (lettuce)	Mexico	1			Ariz.
<i>Spinacia oleracea</i> (spinach)	do	9			Ariz.
<i>Aceratagallia sordida</i> Oman (Cicadellidae):					
<i>Mathiola</i> sp. (stock)	do	1			Tex.
<i>Aceria tulipae</i> (Keif.) (Eriophyidae):					
<i>Allium sativum</i> (garlic)	do	1			Tex.
<i>Acroleucus vicinalis</i> Dist. (Lygaeidae):					
Orchid	do			8	Tex.
<i>Adelphocoris lineolatus</i> (Goeze) (Miridae):					
Novelties	Germany	1			Nebr.
<i>Adetus subellipticus</i> Bates (Cerambycidae):					
<i>Odontoglossum grande</i> (orchid)	Guatemala			1	Tex.
<i>Aegithus melaspis</i> Gorb. (Erotylidae):					
<i>Brosimum</i> sp.	Mexico	1			Calif.*
<i>Swietenia mahagoni</i> (mahogany)	do	1			Wash.
<i>Aganactesis indecora</i> Dyar (Galleriidae):					
<i>Cassia fistula</i> (golden-shower)	Jamaica	1			Fla.*
<i>Cassia</i> sp.	Puerto Rico	1			Fla.*
<i>Agasicles connexa</i> (Boh.) (Chrysomelidae):					
<i>Vitis</i> sp. (grape)	Argentina	1			N. Y.
<i>Agromyza tianshi</i> Loew (Agromyzidae):					
<i>Epidendrum</i> sp. (orchid)	Mexico			1	Tex.
<i>Phaseolus</i> sp. (string bean)	do	3			Ariz.
<i>Aleurocanthus woglumi</i> Ashby (Aleyrodidae):					
<i>Citrus aurantifolia</i> (sour lime)	do	38			Ariz., Tex.
<i>Citrus aurantifolia</i> (sweet lime)	do	1			Ariz.
<i>Citrus paradisi</i> (grapefruit)	Cuba	1			Fla.*
<i>Citrus sinensis</i> (orange)	Mexico	2		1	Calif.,*Tex.
<i>Citrus</i> sp.	do	3			Ariz., Tex.
<i>Mangifera indica</i> (mango)	do		1		Ariz.
<i>Aleurodicus dugesii</i> (Ckll.) (Aleyrodidae):					
<i>Althaea</i> sp.	do	1			Tex.
<i>Chrysanthemum</i> sp.	do	1			Tex.
<i>Aleurothrixus floccosus</i> (Mask.) (Aleyrodidae):					
<i>Citrus paradisi</i> (grapefruit)	Puerto Rico	2			Fla.*
<i>Citrus</i> sp.	Brazil, Puerto Rico	2			Fla.*
Myrtaceae (?)	Mexico			1	Tex.
<i>Aleurothrixus myrtacei</i> Bondar (Aleyrodidae):					
<i>Gardenia augusta</i> (Cape-jasmine)	do				Calif.*
Herb leaf	British Guiana	1			Ky.
<i>Algarobius prosopis</i> (Lee.) (Bruchidae):					
<i>Prosopis pubescens</i> (screw bean)	Mexico	2			Tex.
<i>Prosopis</i> sp. (mesquite)	do	2			Ariz., Tex.
<i>Allantus cinctus</i> (L.) (Tenthredinidae):					
<i>Phragmites communis</i> packing around rose plants.	Netherlands			1	N. J.
<i>Rosa</i> sp.	do			7	N. J.
<i>Alpheias conspirata</i> Hein. (Galleriidae):					
<i>Ananas comosus</i> (pineapple)	Mexico	71			Tex.
<i>Amathes c-nigrum</i> (L.) (Phlaenidae):					
<i>Brassica oleracea botrytis</i> (cauliflower)	Netherlands			1	Tex.
<i>Amorbia emigratella</i> Busek (Tortricidae):					
<i>Lilium longiflorum</i> (Easter lily)	Mexico	1			Tex.
<i>Lycopersicon esculentum</i> (tomato)	do	1			Tex.
Sapote	do	1			Tex.
<i>Amphicerus cornutus</i> (Pallas) (Bostrichidae):					
<i>Agave</i> sp. (henequen)	do	1			Tex.
Airplane	Nicaragua		1		Tex.
<i>Arundinaria</i> sp. (bamboo)	Mexico	1			Ariz.
<i>Arundo donax</i> (bamboo)	do	1			Ariz.
Bamboo	do	2			Ariz.
Log	Hawaii	1			Calif.*
<i>Lycopersicon esculentum</i> (tomato)	Mexico	2			Tex.

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<i>Amphicercus cornutus</i> —Continued					
Medicinal plant	Mexico	1			Ariz.
<i>Merostachys</i> sp.	do.	1			Ariz.
<i>Amyssonotum rastratum flexum</i> McA. & Mall. (Pentatomidae):					
Orchid	do.			1	Tex.
<i>Anacamptodes fragilaria</i> (Grossb.) (Geometridae):					
Airplane	South West Pacific		1		Hawaii.
<i>Anaphothrips orchidaceus</i> Bagn. (Thripidae):					
<i>Anthurium</i> sp.	Guatemala			1	Calif.*
<i>Cattleya aurantiaca</i> (orchid)	do.			1	Calif.*
<i>Cattleya loddigesii</i>	Brazil			1	Calif.*
<i>Cattleya mossiae</i>	Venezuela			1	Calif.*
<i>Cattleya</i> sp.	Belgium, England, Venezuela			6	Calif.,* N.J., Tex.
<i>Cycnoches</i> sp. (orchid)	Guatemala			1	Calif.*
<i>Epidendrum falcatum</i>	Guatemala, Philippines			2	Calif.*
<i>Laelia</i> sp. (orchid)	Costa Rica			1	N. J.
<i>Odontioda</i> sp. (orchid)	England			1	N. J.
<i>Odontoglossum</i> sp. (orchid)	do.			1	N. J.
Orchid	Guatemala			1	Calif.*
<i>Paphiopedilum longifolium</i> (orchid)	Costa Rica			1	Calif.*
<i>Zygopetalum mackayi</i> (orchid)	England			1	N. J.
<i>Anaphothrips orchidii</i> (Mlt.) (Thripidae):					
<i>Acanthus</i> sp.	do.			1	N. J.
<i>Cattleya</i> sp. (orchid)	do.			1	N. J.
<i>Anastrepha fraterculus</i> (Wied.) (Tephritidae):					
<i>Prunus persica</i> (peach)	Mexico	4			Tex.
<i>Anastrepha fraterculus</i> (Wied.) (?) (Tephritidae):					
<i>Achras zapota</i> (sapodilla)	Colombia	1			Fla.*
<i>Citrus sinensis</i> (orange)	do.	1			Fla.*
<i>Coffea</i> sp. (coffee)	do.	2			Fla.*
<i>Anastrepha ludens</i> (Loew) (Tephritidae):					
<i>Casimiroa edulis</i> (white sapote)	Mexico	3			Tex.
<i>Citrus aurantifolia</i> (sweet lime)	do.	8			Tex.
<i>Citrus aurantium</i> (sour orange)	do.	1			Tex.
<i>Citrus paradisi</i> (grapefruit)	do.	10	3		Tex.
<i>Citrus sinensis</i> (orange)	Guatemala, Mexico	112	9		Ala., Tex.
<i>Cydonia oblonga</i> (quince)	Mexico	9			Tex.
<i>Malus sylvestris</i> (apple)	do.	3			Tex.
<i>Mangifera indica</i> (mango)	do.	18	1		Ariz., La. Tex.
<i>Persea americana</i> (avocado)	do.	28			Tex.
<i>Punica granatum</i> (pomegranate)	do.	7			Tex.
<i>Pyrus communis</i> (p. b.)	do.	31	1		Tex.
Sapote	Guatemala	1			La.
Railway car—in cracks of floor	Mexico		1		Tex.
<i>Anastrepha ludens</i> (Loew) (?) (Tephritidae):					
<i>Citrus paradisi</i> (grapefruit)	British Honduras		1		Tex.
<i>Anastrepha mombinpraepitans</i> Sein (Tephritidae):					
<i>Caryophyllus jambos</i> (roseapple)	Nicaragua, Puerto Rico	3			Fla.*
<i>Chrysophyllum cainito</i> (star-apple)	Dominican Republic	1			Fla.*
<i>Mangifera indica</i> (mango)	Canal Zone, Costa Rica, Cuba, Dominican Republic, Haiti, Jamaica, Mexico, Panama, Puerto Rico, Salvador.	221	11		Ala., Calif.,* Fla.,* La., N. Y., Pa., Tex., P. R. Fla.,* Md., N. Y., Va. Fla.,* N. Y., Tex.
<i>Psidium guajava</i> (guava)	Puerto Rico	19			
<i>Spondias mombin</i> (yellow mombin)	British Honduras, Costa Rica, Jamaica, Nicaragua, Puerto Rico, Salvador.	9	2		

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<i>Anastrepha mombinpraeoptans</i> —Continued.					
<i>Spondias</i> sp. (mombin)	Central America, Guatemala, Nicaragua, Puerto Rico.	5			Fla.* La. N. Y.
Unknown fruit	Puerto Rico	1			Fla.*
<i>Anastrepha serpentina</i> (Wied.) (Tephritidae):					
<i>Achras zapota</i> (sapodilla)	Ecuador	1			Fla.*
<i>Calocarpum zapota</i> (sapote)	Salvador	2			La.
<i>Mammea americana</i> (mamey)	Mexico	4	1		Tex.
<i>Anastrepha serpentina</i> (Wied.) (?) (Tephritidae):					
<i>Citrus sinensis</i> (orange)	Colombia	1			Tex.
<i>Anastrepha striata</i> Schin. (Tephritidae):					
<i>Psidium guajava</i> (guava)	Salvador	1			Tex.
<i>Anastrepha suspensa</i> (Loew) (Tephritidae):					
<i>Caryophyllus malaccensis</i> (malay apple)	Dominican Republic	1			P. R.
<i>Psidium guajava</i> (guava)	Cuba, Puerto Rico	33	1		Fla.* N. Y.
<i>Terminalia catappa</i> (tropical almond)	Puerto Rico	1			N. Y.
<i>Ancylostoma stercorea</i> (Zell.) (Phycitidae):					
<i>Cajanus cajan</i> (pigeonpea)	Bahamas, British Guiana, Canal Zone, Dominican Republic, Puerto Rico.	16			Fla.* N. Y. P. R.
<i>Andrector salvini</i> (Baly) (Chrysomelidae):					
Cabin of airplane	Canal Zone (?)		1		Tex.
<i>Anomala orientalis</i> (Waterh.) (Scarabaeidae):					
Leaf	Hawaii	1			Calif.*
<i>Anomis editrix</i> (Guen.) (Phalaenidae):					
Orchid	Mexico			1	Tex.
<i>Anthonomus albolineatus</i> Champ. (Curculionidae):					
Orchid	do			7	Tex.
<i>Antonina graminis</i> (Mask.) (Coccidae):					
Gramineae	South Pacific	1			Calif.*
<i>Anuraphis helichrysi</i> (Kalt.) (Aphidae):					
<i>Chrysanthemum</i> sp.	England	1			N. Y.
<i>Anypsispylla univittella</i> Dyar (Phycitidae):					
<i>Samanea saman</i> (rain tree saman)	Jamaica			1	D. C.
<i>Aonidiella citrina</i> (Coq.) (Coccidae):					
<i>Jasminum</i> sp. (jasmine)	Mexico			1	Tex.
<i>Aonidiella comperei</i> McKenzie (Coccidae):					
<i>Carica papaya</i> (papaya)	Tinian Island	1			Calif.*
<i>Aonidiella inornata</i> McKenzie (Coccidae):					
<i>Mangifera indica</i> (mango)	Philippines	1			Hawaii.
<i>Apathe monachus</i> F. (Bostrichidae):					
<i>Khaya</i> sp.	Gold Coast	1			Va.
<i>Aphis medicaginis</i> Koch (Aphidae):					
<i>Bryophyllum</i> sp.	Bermuda	1			N. Y.
<i>Gaillardia</i> sp.	do	1			Md.
<i>Gardenia augusta</i> (Cape-jasmine)	Mexico			1	Ariz.
<i>Aphis nerii</i> (Fonse.) (Aphidae):					
<i>Nerium oleander</i> (oleander)	Bahamas, Mexico			2	N. Y., Tex.
<i>Apion godmani</i> Wgnr. (Curculionidae):					
<i>Phaseolus</i> sp. (string bean)	Mexico	2			Tex.
<i>Apion ochropus</i> Germ. (Curculionidae):					
<i>Vicia</i> sp. (vetch)	France	1			N. Y.
<i>Apion pomonae</i> F. (Curculionidae):					
<i>Vicia</i> sp.	Netherlands			1	Tex.
<i>Argyresthia conjugella</i> (Zell.) (Hyponomeutidae):					
<i>Malus sylvestris</i> (apple)	Finland, Norway, Sweden.	8	2		Md., N. Y. Oreg., Wash.
<i>Argyripa anomala</i> (Bates) var. (Scarabaeidae):					
<i>Cattleya skinneri</i> (orchid)	Guatemala			1	Calif.*
<i>Arvelius albopunctatus</i> (Deg.) (Pentatomidae):					
<i>Lycopersicon esculentum</i> (tomato)	Mexico			1	Tex.
<i>Ascia monuste</i> (L.) (Pieridae):					
<i>Raphanus sativus</i> (radish)	do			1	Tex.
<i>Asphaera reichei</i> Harold (Chrysomelidae):					
Orchid	do			1	Tex.
<i>Aspidiotus apachea</i> (Ferris) (Coccidae):					
<i>Pinus</i> sp. (five-leaved pine)	do	1			Tex.

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<i>Aspidiotus britannicus</i> Newst. (Coccidae): <i>Ilex ferox</i>	England.....			1	N. J.
<i>Aspidiotus corticis-pini</i> Ldgr. (Coccidae): <i>Pinus</i> sp. (five-leaved pine).....	Japan.....	1			Mass.
<i>Aspidiotus coryphae</i> Ckll. & Rob. (Coccidae): <i>Cocos nucifera</i> (coconut).....	Philippines.....	1	2		Calif.*
<i>Aspidiotus coursetiae</i> Marl. (Coccidae): <i>Jasminum</i> sp.....	Mexico.....			1	Ariz.
<i>Aspidiotus destructor</i> Sign. (Coccidae): <i>Arundina bambusifolia</i> (orchid).....	Canal Zone.....			1	N. J.
<i>Carica papaya</i> (papaya).....	Puerto Rico.....	1			Fla.*
<i>Cocos nucifera</i> (coconut).....	British Guiana, Costa Rica, Cuba, Panama, Salvador.....	3	4		Calif.,* Fla.,* N. Y.
<i>Delonix regia</i> (royal poinciana).....	Cuba.....	1			Fla.*
<i>Euphorbia</i> sp.....	Guatemala.....	1			Tex.
<i>Mangifera indica</i> (mango).....	Puerto Rico.....	1			Fla.*
<i>Musa paradisiaca sapientum</i> (banana).....	Cuba, Guatemala, Puerto Rico.....	4			Calif.,* Fla.*
<i>Prunus amygdalus</i> (almond).....	Cuba.....	1			Fla.*
<i>Psidium guajava</i> (guava).....	Trinidad.....	1			Fla.*
<i>Rosa</i> sp.....	Curacao.....	1			Fla.*
<i>Aspidiotus diffinis</i> Newst. (Coccidae): <i>Spondias</i> sp.....	Salvador.....	1			Fla.*
<i>Aspidiotus excisus</i> Green (Coccidae): <i>Citrus limon</i> (lemon).....	Philippines.....		1		Calif.*
<i>Aspidiotus herculeanus</i> Ckll. & Hadd. (Coccidae): <i>Achras zapota</i> (sapodilla).....	Puerto Rico.....	1			Fla.*
<i>Annona muricata</i> (sour sop).....	do.....	6			Fla.*
<i>Bougainvillea</i> sp.....	Cuba.....		1		Fla.*
<i>Mammea americana</i> (mamey).....	Venezuela.....		1		Fla.*
<i>Nerium oleander</i> (oleander).....	Cuba.....	1			Fla.*
Orchid.....	Venezuela.....	1			Fla.*
<i>Spondias mombin</i> (yellow mombin).....	Puerto Rico, St. Lucia.....	5			Fla.*
<i>Spondias purpurea</i> (purple mombin).....	Canal Zone.....	1			Fla.*
<i>Aspidiotus palmarum</i> Ckll. (Coccidae): <i>Citrus limon</i> (lemon).....	Philippines.....		1		Calif.*
<i>Cocos nucifera</i> (coconut).....	Costa Rica.....		2		Calif.*
<i>Musa paradisiaca sapientum</i> (banana).....	Guatemala.....	2			Calif.*
<i>Stanhopea</i> sp. (orchid).....	Canal Zone.....			1	N. J.
<i>Aspidiotus spinosus</i> (Comst.) (Coccidae): <i>Achras zapota</i> (sapodilla).....	Cuba.....	1			Fla.*
<i>Cocos nucifera</i> (coconut).....	Hawaii.....	2			Calif.*
<i>Mammea americana</i> (mamey).....	Cuba, Dominican Republic.....	1	2		Fla.*
<i>Mangifera indica</i> (mango).....	Peru.....	1			Fla.*
<i>Persea americana</i> (avocado).....	Hawaii.....		1		Calif.*
<i>Trichopilia tortilis</i> (orchid).....	Guatemala.....			1	Calif.*
<i>Aspidiotus tayabanus</i> Ckll. (Coccidae): <i>Citrus paradisi</i> (grapefruit).....	Philippines.....		1		Calif.*
<i>Asterolecanium bambusae</i> (Bdv.) (Coccidae): Bamboo.....	Bahamas, Mexico.....	2			Ariz., Fla.*
<i>Dendrocalamus</i> sp. (bamboo).....	Cuba.....			1	N. J.
<i>Asterolecanium epidendri</i> (Bouche) (Coccidae): <i>Acineta chrysanthi</i> (orchid).....	Costa Rica.....			1	N. J.
<i>Cattleya dowiana</i> (orchid).....	do.....			1	Tex.
<i>Cattleya</i> sp.....	Brazil, Canal Zone, Costa Rica, Venezuela.....			9	Calif.,* N. J., Tex.
<i>Epidendrum</i> sp. (orchid).....	Brazil.....			1	Calif.*
<i>Gongora</i> sp. (orchid).....	Canal Zone.....			1	N. J.
<i>Laelia perrini</i> (orchid).....	Brazil.....			1	Calif.*
<i>Laelia</i> sp.....	do.....			1	N. J.
<i>Oncidium cavendishianum</i> (orchid).....	Mexico.....			1	Tex.
<i>Oncidium</i> sp.....	Brazil, Jamaica, Trinidad, Venezuela.....			5	N. J.
Orchid.....	Mexico, Venezuela.....			3	N. J., Tex.
<i>Paphiopedilum longifolium</i> (orchid).....	Canal Zone.....			1	N. J.

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<i>Asterolecanium pustulans</i> (Ckll.) (Coccidae):					
<i>Achras zapota</i> (sapodilla).....	Bahamas, Jamaica, Puerto Rico.	4			Fla.*
<i>Bougainvillea</i> sp.....	Cuba		1		Fla.*
<i>Dombeya natalensis</i>	Puerto Rico			1	N. J.
<i>Mangifera indica</i> (mango).....	Jamaica	1			Fla.*
<i>Tamarindus indica</i> (tamarind).....	Montserrat	1			N. Y.
<i>Astyochus setiger</i> Bates (Cerambycidae):					
<i>Brosimum</i> sp.....	Mexico	1			Calif.*
<i>Aulacaspis mangiferae</i> (Newst.) (Coccidae):					
<i>Mangifera indica</i> (mango).....	Panama, Trinidad, Venezuela.	4			Fla.*
<i>Barathra brassicae</i> (L.) (Phlaenidae):					
<i>Brassica oleracea botrytis</i> (cauliflower).....	France		1		Ala.
<i>Brassica oleracea capitata</i> (cabbage).....	Denmark, France		2		La., Tex.
<i>Batyle laevis</i> Bates (Cerambycidae):					
<i>Arthrostylidium racimiflorum</i>	Mexico	2			Ariz.
<i>Blastodacna hellerella</i> (Dup.) (Blastodacnidae):					
<i>Malus sylvestris</i> (apple).....	Czechoslovakia, Greece, Sweden.	1	1	1	D. C., N. Y.
<i>Blastophagus piniperda</i> (L.) (Scolytidae):					
<i>Pinus</i> sp. (pine).....	Sweden	1			N. Y.
<i>Blissus leucopterus insularis</i> Barber (Lygaeidae):					
<i>Ananas comosus</i> (pineapple).....	Mexico	1			Tex.
<i>Tillandsia</i> sp.....	do			1	Tex.
<i>Bonchis minitalis</i> (Lec.) (Chrysauidae):					
<i>Parmentiera edulis</i>	do	1			Tex.
<i>Brachyrhinus ovatus</i> (L.) (Curculionidae):					
Soil around roots of <i>Primula</i> sp.....	Canada			1	N. Y.
<i>Brachyrhinus singularis</i> (L.) (Curculionidae):					
<i>Calluna vulgaris</i> (heather).....	Scotland	1			N. Y.
<i>Brachyrhinus sulcatus</i> (F.) (Curculionidae):					
<i>Astibe</i> sp.....	Netherlands			2	N. J.
<i>Epigaea repens</i> (trailing arbutus).....	Canada	1			Mass.
<i>Brachysphaenus delineatus</i> Lac. (Erotylidae):					
<i>Stanhopea wardii</i> (orchid).....	Canal Zone			1	Tex.
<i>Brentus anchorago</i> L. (Brentidae):					
<i>Brosimum</i> sp.....	Mexico	1			Calif.*
<i>Cybtistaz donnell-smithi</i> (primavera).....	do	1			N. Y.
<i>Log</i>	Costa Rica	1			Calif.*
<i>Brentus mexicanus</i> Boh. (Brentidae):					
<i>Cybtistaz donnell-smithi</i> (primavera).....	Guatemala	1			N. Y.
<i>Bruchidius incarnatus</i> (Boh.) (Bruchidae):					
<i>Vicia faba</i> (broadbean).....	Egypt, Malta	2		2	Mass., Mich., N.J., N. Y.
<i>Bruchidius trifolii</i> (Mots.) (Bruchidae):					
<i>Trifolium alexandrinum</i> (Egyptian clover).....	Austria, Czechoslovakia, France.			4	D. C.
<i>Bruchus brachialis</i> Fahr. (Bruchidae):					
<i>Vicia</i> sp. (vetch).....	Soldier's mail	1			Ky
<i>Bruchus dentipes</i> Baudi (Bruchidae):					
<i>Vicia faba</i> (broadbean).....	Iran, Lebanon	1		1	N. Y.
<i>Bruchus guttalis</i> Rey (Bruchidae):					
<i>Lathyrus</i> sp.....	France			1	N. Y.
<i>Bruchus lentis</i> Frohl. (Bruchidae):					
<i>Lathyrus</i> sp.....	do			1	Calif.*
<i>Lens culinaris</i> (lentil).....	Egypt			1	N. Y.
<i>Bruchus luteicornis</i> Ill. (Bruchidae):					
<i>Vicia</i> sp. (vetch).....	France	8			Ga., N. Y.
<i>Bruchus rufipes</i> Hbst. (Bruchidae):					
<i>Vicia</i> sp. (vetch).....	Netherlands	1			Md.
<i>Bruchus tristis</i> Boh. (Bruchidae):					
<i>Lathyrus</i> sp.....	Italy			1	N. Y.
<i>Vicia</i> sp.....	do			1	N. Y.
<i>Bulia mexicana</i> (Behr) (Phlaenidae):					
Cabin of airplane.....	Mexico		2		Tex.
<i>Cadrema pallida</i> (Loew) (Chloropidae):					
Airplane.....	China, South Pacific		2		Hawaii.
<i>Khaya</i> sp.....	Gold Coast	1			Mass.

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<i>Cadrema pallida bilineata</i> (deMeij.) (Chloropidae): Airplane	China, Christmas Island, Majuro Island, South Pacific.		7		Hawaii.
<i>Callidium rufipenne</i> Mots. (Cerambycidae): Wooden box	Japan	1			Ill.
<i>Calligrapha argus</i> Stal (Chrysomelidae): Orchid	Mexico			2	Tex.
<i>Calligrapha diversa</i> Stal (Chrysomelidae): Orchid	do			1	Tex.
<i>Calligrapha limbaticollis</i> Stal (Chrysomelidae): Orchid	do			1	Tex.
<i>Calligrapha pantherina</i> Stal (Chrysomelidae): Orchid	do			1	Tex.
<i>Callirhytis sonoreae</i> Weld (Cynipidae): <i>Quercus</i> sp. (acorn)	do	13			Ariz.
<i>Callosobruchus chinensis</i> (L.) (Bruchidae): Bean	Japan	1			Hawaii.
<i>Cajanus cajan</i> (pigeonpea)	British Guiana	3		1	N. J., N. Y.
<i>Phaseolus angularis</i> (adsuki bean)	Korea			4	D. C.
<i>Phaseolus aureus</i> (mung bean)	do			1	D. C.
<i>Pisum sativum</i> (pea)	British Guiana, Jamaica	2		1	N. Y., Pa.
<i>Vigna sinensis</i> (cowpea)	Paraguay			1	D. C.
Wooden case	China	1			Hawaii.
<i>Callosobruchus maculatus</i> (F.) (Bruchidae): Bean	British Guiana, Nigeria	1		1	N. J., N. Y.
<i>Cajanus cajan</i> (pigeonpea)	Bahamas	1			Fla.*
<i>Cicer arietinum</i> (garbanzo)	Mexico		1		Tex.
<i>Coriandrum sativum</i> (?)	do	1			Tex.
<i>Dolichos lablab</i> (hyacinth-bean)	Jamaica			1	N. J.
<i>Lathyrus odoratus</i> (sweet pea)	Greece	1			Colo.
<i>Lens culinaris</i> (lentil)	Trinidad		1		La.
<i>Phaseolus aureus</i> (mung bean)	Mexico, Venezuela	2			Ariz., N. Y.
<i>Portulaca oleracea</i> (purslane)	Mexico	1			Tex.
<i>Vigna sinensis</i> (black-eyed pea)	British Guiana, Jamaica	2		1	N. J., N. Y.
<i>Vigna</i> sp.	Hawaii	1			Calif.*
<i>Zea mays</i> (corn)	Mexico	1			Tex.
<i>Callosobruchus phaseoli</i> (Gyll.) (Bruchidae): <i>Cajanus cajan</i> (pigeonpea)	Hawaii		1		Calif.*
<i>Dolichos lablab</i> (hyacinth-bean)	Jamaica			1	N. J.
<i>Camirus conicus</i> (Germ.) (Pentatomidae): Orchid	Mexico			3	Tex.
<i>Camirus socius</i> Stal (Pentatomidae): Orchid	do			2	Tex.
<i>Capaneus odiosus</i> Stal (Coreidae): <i>Musa paradisiaca sapientum</i> (banana)	do	1			Calif.*
<i>Capaneus tetricus</i> Stal (Coreidae): <i>Laelia</i> sp. (orchid)	do			1	Tex.
Orchid	do			1	Tex.
<i>Carneiocephala sagittifera</i> (Uhl.) (Cicadellidae): <i>Ananas comosus</i> (pineapple)	do	1			Tex.
<i>Caryedon fuscus</i> (Goeze) (Bruchidae): <i>Acacia farnesiana</i> (sweet acacia)	India			1	N. J.
<i>Bauhinia galepinii</i>	do			1	N. J.
<i>Cassia</i> sp. (senna)	England			1	D. C.
<i>Tamarindus indica</i> (tamarind)	Hawaii			1	Calif.*
<i>Caulophilus latinasus</i> Say (Curculionidae): Cactus	Mexico			1	Tex.
<i>Cicer arietinum</i> (garbanzo)	do	1			Tex.
<i>Dioscorea</i> sp. (yam)	Costa Rica	1			N. Y.
Orchid	Mexico			3	Tex.
<i>Persea americana</i> (avocado)	do	1			Tex.
<i>Triticum aestivum</i> (wheat)	Italy	1			N. Y.
<i>Zingiber officinale</i> (ginger)	Jamaica	1			Fla.*
<i>Celerio lineata</i> (F.) (Sphingidae): <i>Portulaca oleracea</i> (purslane)	Mexico	2			Tex.

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<i>Ceratilis capitata</i> (Wied.) (Tephritidae):					
<i>Capsicum frutescens</i> (pepper)-----	Bermuda-----	2			N. Y.
<i>Carica papaya</i> (papaya)-----	Hawaii-----	1			Calif.*
<i>Citrus paradisi</i> (grapefruit)-----	Argentina, Egypt, Palestine, Paraguay, Union of South Africa.		11		La., Md., Mass., N. Y., Va.
<i>Citrus reticulata</i> (tangerine)-----	Italy, Portugal-----	2	1		N. Y.
<i>Citrus sinensis</i> (orange)-----	Brazil, Egypt, Greece, Palestine, Portugal.	1	7		Mass., N. Y.
<i>Coffea</i> sp. (coffee)-----	Brazil, Hawaii-----	2			Calif.,* Fla.*
<i>Diospyros</i> sp. (persimmon)-----	Spain-----	1			N. Y.
<i>Ficus carica</i> (fig.)-----	Bermuda, Italy, Palestine.	3			Ky., Md., N. Y.
<i>Malus sylvestris</i> (apple)-----	Italy, Portugal-----	1	1		N. Y.
<i>Mangifera indica</i> (mango)-----	Hawaii-----	2			Calif.*
<i>Mespilus germanica</i> (medlar)-----	Italy-----	1			N. Y.
<i>Phoenix dactylifera</i> (date)-----	Lebanon-----	1			N. Y.
<i>Prunus domestica</i> (plum)-----	Algeria, Italy-----	2	1		N. Y., Tex.
<i>Prunus persica</i> (peach)-----	Syria-----		1		N. Y.
<i>Psidium guajava</i> (guava)-----	Egypt-----	1			N. Y.
<i>Punica granatum</i> (pomegranate)-----	Italy-----	1			N. Y.
<i>Pyrus communis</i> (pear)-----	Greece, Italy-----	2			N. Y.
<i>Terminalia catappa</i> (tropical almond)-----	Brazil-----			1	P. R.
<i>Vitis</i> sp. (grape)-----	Argentina-----	14			La., N. Y.
<i>Ceratilis capitata</i> (Wied.) (?) (Tephritidae):					
<i>Lycopersicon esculentum</i> (tomato)-----	Hawaii-----		1		Calif.*
<i>Psidium cattleianum</i> (strawberry guava)-----	do-----	1			Calif.*
<i>Ceratocapsus punctulatus</i> (Reuter) (Miridae):					
<i>Gладиолус</i> sp.-----	Mexico-----	1			Tex.
<i>Lycopersicon esculentum</i> (tomato)-----	do-----	1			Ariz.
<i>Ceratocombus areolatus</i> McA. & Mall. (Cryptostemmatidae):					
Orchid-----	do-----			1	Tex.
<i>Ceresium unicolor</i> (F.) (Cerambycidae):					
Airplane-----	South Pacific-----		1		Hawaii.
<i>Ceroptastes cirripediformis</i> Comst. (Coccidae):					
Mistletoe-----	Mexico-----	1			Ariz.
<i>Rosmarinus officinalis</i> (rosemary)-----	Bermuda-----			1	N. Y.
<i>Ceroptastes floridensis</i> Comst. (Coccidae):					
<i>Ficus</i> sp.-----	Canal Zone-----			1	N. J.
<i>Gardenia augusta</i> (Cape-jasmine)-----	Costa Rica, Mexico, Puerto Rico.	4			Fla.,* Tex.
Orchid-----	Colombia-----			1	Fla.*
<i>Pyrus</i> sp.-----	Japan-----			1	Calif.*
<i>Ceroptastes rusci</i> (L.) (Coccidae):					
<i>Ficus</i> sp.-----	Italy-----			1	N. J.
<i>Ceroptastes sinensis</i> Del Guer. (Coccidae):					
<i>Citrus</i> sp.-----	Madeira Islands-----	1			N. Y.
<i>Tamarix</i> sp.-----	Bermuda-----			1	Md.
<i>Chaetocnema concinna</i> (Mshl.) (Chrysomelidae):					
<i>Laburnum</i> sp.-----	Netherlands-----			1	N. J.
<i>Chaetopsis fulvifrons</i> (Macq.) (Otitidae):					
<i>Physalis</i> sp. (husk tomato)-----	Mexico-----	1			Tex.
<i>Rosa</i> sp.-----	do-----	1			Tex.
<i>Spinacia oleracea</i> (spinach)-----	do-----	1			Ariz.
<i>Zea mays</i> (corn)-----	Mexico, Puerto Rico-----	93	10		Ala., Ariz., Fla.,* La., N. Y., Tex.
<i>Chelymophra crucifera</i> Boh. (Chrysomelidae):					
<i>Vitis</i> sp. (grape)-----	Argentina-----	1			N. Y.
<i>Chilo simplex</i> (Btlr.) (Crambidae):					
<i>Oryza sativa</i> (rice)-----	China, Japan, soldier's mail, Spain.	13	2		Calif.,* D. C., Ky., Mo., N. Y., Pa., Tex., Wash.
<i>Zea mays</i> (corn) (?)-----	India-----			1	Mass.
" <i>Chionaspis</i> " <i>exalbida</i> Ckll. (Coccidae):					
<i>Aloe variegata</i> -----	Transvaal-----			1	Calif.*

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<i>Chionaspis leucadendri</i> Brain (Coccidae): <i>Leucadendron argenteum</i> (silver leucadendron)	Union of South Africa		1		Mass.
<i>Chrysomphalus albopictus</i> (Ckll.) (Coccidae): <i>Cocos nucifera</i> (coconut)	Guatemala, Mexico	1	1		Calif.*
<i>Musa paradisiaca sapientum</i> (banana)	Mexico	1			Tex.
<i>Persea americana</i> (avocado)	do	3			Tex.
<i>Chrysomphalus calurus</i> (Ckll.) (Coccidae): <i>Spondias mombin</i> (yellow mombin)	Salvador	1			Fla.*
<i>Chrysomphalus nigropunctatus</i> (Ckll.) (Coccidae): <i>Laelia autumnalis</i> (orchid)	Mexico			1	Tex.
Orchid	do			2	Ariz., Tex.
<i>Chrysomphalus nulliporus</i> McKenzie (Coccidae): <i>Dendrobium lyonii</i> (orchid)	Philippines			2	Calif.*
Orchid	do			1	Calif.*
<i>Chrysomphalus personatus</i> (Comst.) (Coccidae): <i>Citrus sinensis</i> (orange)	Argentina		1		Calif.*
<i>Chrysomphalus propisimus</i> Banks (Coccidae): <i>Hedera</i> sp. (ivy)	Mexico			1	Tex.
<i>Chrysomphalus scutiformis</i> (Ckll.) (Coccidae): <i>Citrus aurantifolia</i> (sour lime)	Venezuela		1		Calif.*
<i>Musa paradisiaca sapientum</i> (banana)	Mexico	1			Calif.*
<i>Chrysomphalus tenax</i> (McKenzie) (Coccidae): <i>Cattleya</i> sp. (orchid)	Colombia, Venezuela			4	Calif.,* N. J.
<i>Oncidium</i> sp. (orchid)	Colombia			1	Calif.*
<i>Philodendron</i> sp.	Canal Zone, Guatemala			2	N. J.
<i>Trichopilia</i> sp. (orchid)	Colombia			1	Calif.*
<i>Chrysomphalus umboniferus</i> (Newst.) (Coccidae): <i>Anthurium salviniae</i>	Guatemala			1	Calif.*
<i>Epidendrum aromaticum</i> (orchid)	do			1	Tex.
<i>Epidendrum</i> sp.	Venezuela			1	N. J.
<i>Laelia</i> sp. (orchid)	Guatemala			1	Tex.
<i>Musa paradisiaca sapientum</i> (banana)	Panama	2			Calif.*
<i>Oncidium panchrysium</i> (orchid)	Costa Rica			1	Tex.
Orchid	Mexico			2	Tex.
<i>Schomburgkia</i> sp. (orchid)	Honduras, Mexico			2	Tex.
<i>Vanilla pompona</i> (orchid)	Canal Zone			1	Calif.*
<i>Cleogonus rubetra</i> (F.) (Curculionidae): Orchid	Mexico			1	Tex.
<i>Clerada apicornis</i> Sign. (Lygaeidae): <i>Cattleya</i> sp (orchid)	Venezuela			1	N. J.
<i>Cigenes delineata</i> (Dist.) (Lygaeidae): Orchid	Mexico			1	Tex.
<i>Cnemopogon apicalis</i> (Meig.) (Scopeumatidae): <i>Phragmites communis</i> (reed)	Netherlands			1	N. J.
<i>Coccotrypes dactyliperda</i> (F.) (Scolytidae): <i>Phoenix dactylifera</i> (date)	Algeria	1			N. Y.
<i>Coccotrypes pygmaeus</i> Eichh. (Scolytidae): <i>Annona squamosa</i> (sugar-apple)	Dominican Republic	1			N. J.
<i>Coccus capparidis</i> (Green) (Coccidae): <i>Cypripedium charlesworthi</i> (orchid)	India			1	Calif.*
<i>Cypripedium</i> sp.	do			3	N. J.
<i>Coccus mangiferae</i> (Green) (Coccidae): Unidentified leaf	Mexico	1			Tex.
<i>Coccus pseudoheperidum</i> (Ckll.) (Coccidae): <i>Laelia perrini</i> (orchid)	Brazil			1	Calif.*
<i>Coccus viridis</i> (Green) (Coccidae): <i>Citrus aurantifolia</i> (sour lime)	Puerto Rico	1			Fla.*
<i>Citrus paradisi</i> (grapefruit)	do	2			Fla.*
<i>Citrus</i> sp.	Brazil, Jamaica, Puerto Rico	12			Fla.*
<i>Codiaeum</i> sp. (croton)	Jamaica	1			Fla.*
<i>Coffea</i> sp. (coffee)	Brazil, Cuba, Jamaica	3			Fla.*
<i>Gardenia augusta</i> (Cape-jasmine)	Canal Zone, Colombia, Costa Rica, Cuba, Guatemala, Hawaii, Jamaica, Panama, Puerto Rico, Trinidad, Venezuela.	73	3		Calif.*, Fla.*

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<i>Coccus viridis</i> —Continued.					
Herb	Puerto Rico	1			Fla.*
<i>Jasminum</i> sp. (jasmine)	Cuba	1			Fla.*
<i>Murraya</i> sp. (jasminorange)	do.	1			Fla.*
<i>Psidium guajava</i> (guava)	Puerto Rico	1			Fla.*
<i>Codatractus melon airzonensis</i> (Skinner) (Hesperidae):					
Orchid	Mexico			1	Tex.
<i>Coelosternus consputus</i> Boh. (Curculionidae):					
<i>Cyblastax donnell-smithi</i> (primavera)	do.	1			Calif.*
<i>Conchaspis angraeci</i> Ckll. (Coccidae):					
<i>Cattleya aclandiae</i> (orchid)	Brazil			1	Calif.*
<i>Cattleya granulosa</i>	do.			2	Calif.* N. J.
<i>Cattleya labiata autumnalis</i>	do.			1	Calif.*
<i>Cattleya</i> sp.	Guatemala			1	Calif.*
<i>Lockhartia pallida</i> (orchid)	Canal Zone			2	Calif.*
Orchid	Mexico			1	Tex.
<i>Peristeria elata</i> (orchid)	Canal Zone			1	Tex.
<i>Conotrachelus aguacatae</i> Barber (Curculionidae):					
<i>Persea americana</i> (avocado)	Mexico	54	1		Tex.
<i>Conotrachelus integer</i> Csy. (Curculionidae):					
<i>Quercus</i> sp. (oak)	do.	10			Tex.
<i>Conotrachelus naso</i> Lec. (Curculionidae):					
Orchid	do.			1	Tex.
<i>Conotrachelus leucophaeatus</i> Fahr. (Curculionidae):					
<i>Ananas comosus</i> (pineapple)	do.	1			Tex.
<i>Conotrachelus perseae</i> Barber (Curculionidae):					
<i>Persea americana</i> (avocado)	Guatemala, Mexico	1	1		Tex.
<i>Conotrachelus senticulus</i> Lec. (Curculionidae):					
<i>Brassica rapa</i> (turnip)	Mexico	1			Tex.
<i>Sorghum vulgare</i> (sorghum)	do.		1		Ariz.
<i>Spinacia oleracea</i> (spinach)	do.	1			Ariz.
<i>Coptocycla sordida</i> (Boh.) (Chrysomelidae):					
<i>Musa paradisiaca sapientum</i> (banana)	Honduras	1			S. C.
<i>Coptotermes formosanus</i> Shiraki (Rhinotermitidae):					
Log	Hawaii	1			Calif.*
<i>Corecya cephalonica</i> (Staint.) (Galleriidae):					
<i>Cajanus cajan</i> (pigeonpea)	Canal Zone, Puerto Rico	2			Fla.* N. J.
<i>Gossypium</i> sp. (cottonseed)	Nigeria		1		Tex.
Grain	Unknown		2		Mass.
<i>Phaseolus aureus</i> (mung bean)	Venezuela	1			N. Y.
<i>Sapindus saponaria</i> (?)	do.	1			N. Y.
<i>Sorghum vulgare</i> (sorghum)	Kenya Colony			1	D. C.
<i>Theobroma cacao</i> (cacao bean)	Mexico	1			Tex.
<i>Cordylomera spinicornis</i> (F.) (Cerambycidae):					
<i>Khaya</i> sp.	British West Africa, Gold Coast, Union of South Africa, West Africa.	19			La., Md., Mass., N. Y., Va.
<i>Corimelaena incognita</i> (McA. & Mall.) (Pentatomidae):					
<i>Ananas comosus</i> (pineapple)	Mexico	1			Tex.
<i>Salvia officinalis purpurascens</i> (purple sage)	do.	1			Tex.
<i>Crioceris lilii</i> (Scop.) (Chrysomelidae):					
<i>Lilium</i> sp. (lily)	France			1	N. Y.
<i>Crocidosoma plebeiana</i> (Zell.) (Olethreutidae):					
<i>Hibiscus esculentus</i> (okra)	Cuba	5			Fla.*
<i>Hibiscus</i> sp.	Bermuda	1			Mass.
<i>Crophius costatus</i> (Dist.) (Lygaeidae):					
<i>Laelia majalis</i> (orchid)	Mexico			1	Tex.
Orchid	do.			2	Tex.
<i>Crophius scabrosus</i> Uhler (Lygaeidae):					
<i>Mathiola</i> sp. (stock)	do.	1			Tex.
Orchid	do.			3	Tex.
<i>Cryphula affinis</i> Dist. (Lygaeidae):					
<i>Cattleya gigas</i> (orchid)	Colombia			1	Calif.*
<i>Cryphula apicatus</i> (Dist.) (Lygaeidae):					
<i>Cattleya</i> sp. (orchid)	Guatemala			1	Tex.
<i>Oncidium splendidum</i> (orchid)	do.			1	Calif.*
Orchid	Guatemala, Mexico			5	Calif.,* Tex.

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<i>Cryphula fasciatus</i> (Dist.) (Lygaeidae): Cattleya sp. (orchid)-----	Colombia-----	-----	-----	1	Tex.
<i>Cryptoblabes gnidiella</i> (Mill.) (Phycitidae): Punica granatum (pomegranate)-----	Italy-----	1	-----	-----	N. Y.
<i>Cryptorhynchus mangiferae</i> (F.) (Curculionidae): Mangifera indica (mango)-----	Hawaii, Kenya Colony, Philippines, Union of South Africa. Australia, Hawaii-----	16	3	1	Calif.,* N. Y., Wash.
Mangifera sp. <i>Cryptotermes dudleyi</i> Banks (Kalotermitidae): Wood-----	Colombia-----	-----	1	1	Calif.*
<i>Curculio q-griseae</i> Chittn. (Curculionidae): Quercus sp. (oak)-----	Mexico-----	21	-----	-----	Tex.
<i>Cylas femoralis</i> Faust (Curculionidae): Ipomoea batatas (sweetpotato)-----	Gold Coast-----	-----	1	-----	Ala.
<i>Cylas formicarius</i> (F.) var. (Curculionidae): Ipomoea batatas (sweetpotato)-----	China-----	1	-----	-----	Calif.*
<i>Cylas formicarius elegantulus</i> (Summers) (Curculionidae): Dioscorea sp. (yam)-----	Cuba-----	-----	1	-----	Tex.
Ipomoea batatas (sweetpotato)-----	American Virgin Islands, Cuba, Dominican Republic, Haiti, Mexico, Puerto Rico.	29	13	-----	Fla.,* La., N. Y., Tex.
<i>Cylas formicarius</i> , probably <i>elegantulus</i> (Summers) (Curculionidae): Dioscorea sp. (yam)-----	Cuba-----	-----	2	-----	Tex.
Ipomoea batatas (sweetpotato)-----	Cuba, Curacao, Haiti, Mexico, Puerto Rico, Venezuela.	9	5	-----	Ala., Md., N. Y., Tex.
<i>Cylas formicarius turcippennis</i> Boh. (Curculionidae): Ipomoea batatas (sweetpotato)-----	Philippines-----	-----	2	-----	Calif.,* Hawaii.
<i>Cyphosterna bicolor</i> Chev. (Cerambycidae): Bamboo-----	Mexico-----	2	-----	-----	Ariz.
<i>Cyrtopeltis tenuis</i> Reuter (Miridae): Chrysanthemum sp.-----	do-----	1	-----	-----	Tex.
<i>Cyrtopeltis varians</i> (Dist.) (Miridae): Lycopersicon esculentum (tomato)-----	do-----	1	-----	-----	Ariz.
Phaseolus sp. (string bean)-----	do-----	1	-----	-----	Tex.
<i>Cyrtorhinus riveti</i> Cheesman (Miridae): Airplane-----	South Pacific-----	-----	1	-----	Hawaii.
<i>Dacus cucurbitae</i> Coq. (Tephritidae): Cajanus cajan (pigeonpea)-----	Hawaii-----	-----	1	-----	Calif.*
Capsicum frutescens (pepper)-----	do-----	-----	15	-----	Calif.,* Wash.
Cucumis sativus (cucumber)-----	do-----	-----	15	-----	Calif.*
Cucurbita maxima (squash)-----	do-----	-----	2	-----	Calif.*
Cucurbita sp. (acorn squash)-----	do-----	-----	1	-----	Wash.
Lycopersicon esculentum (tomato)-----	do-----	-----	34	-----	Calif.,* Oreg., Wash.
Momordica charantia (balsampear)-----	do-----	1	-----	-----	Calif.*
Phaseolus lunatus macrocarpus (lima bean)-----	do-----	-----	1	-----	Calif.*
Phaseolus sp. (string bean)-----	do-----	-----	4	-----	Calif.*
<i>Dacus oleae</i> (Gmel.) (Tephritidae): Olea europaea (olive)-----	Italy-----	3	-----	-----	Ill., N. Y.
<i>Dahlbruchus sharpianus</i> Bridwell (Bruchidae): Dahlia sp. (seed)-----	Mexico-----	-----	1	-----	Tex.
<i>Deloyala guttata</i> (Oliv.) var. (Chrysomelidae): Orchid-----	do-----	-----	1	-----	Tex.
<i>Desmiphora hirticollis</i> Oliv. (Cerambycidae): Cordia sp.-----	Cuba-----	1	-----	-----	N. Y.
<i>Dialeurodes chittendeni</i> Laing (Aleyrodidae): Rhododendron sp.-----	England-----	-----	7	-----	N. J., Wash.
<i>Dialeurodes citri</i> (Ashm.) (Aleyrodidae): Citrus sinensis (orange)-----	Mexico-----	1	-----	-----	Tex.
Ligustrum sp. (privet)-----	Cuba-----	1	-----	-----	Fla.*

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<i>Dialeurodes citrifolii</i> (Morg.) (Aleyrodidae):					
<i>Citrus paradisi</i> (grapefruit).....	Puerto Rico.....	1			Fla.*
<i>Citrus sinensis</i> (orange).....	Cuba, Puerto Rico.....	1	1		Fla.*
<i>Citrus</i> sp.....	Dominican Republic, Puerto Rico.....	2	1		Fla.*
<i>Diaphania hyalinata</i> (L.) (Pyraustidae):					
<i>Cucurbita maxima</i> (squash).....	Mexico.....	1	1		Tex.
<i>Secchium edule</i> (chayote).....	Cuba.....	1			N. Y.
<i>Diaphania nitidalis</i> (Stoll) (Pyraustidae):					
<i>Cucumis sativus</i> (cucumber).....	Argentina, Brazil, Cuba, Trinidad, Ven- ezuela (?).....	2	9		Ala., Fla.,* La., N. Y., Tex.
<i>Cucurbita maxima</i> (squash).....	Mexico.....	12	1		Tex.
<i>Cucurbita pepo</i> (pumpkin).....	do.....	1			Tex.
<i>Secchium edule</i> (chayote).....	Cuba.....	1			N. Y.
<i>Diatraea magnifacella</i> Dyar (Crambidae):					
<i>Saccharum officinarum</i> (sugarcane).....	Mexico.....	1			Tex.
<i>Diatraea saccharalis</i> (F.) (Crambidae):					
<i>Saccharum officinarum</i> (sugarcane).....	American Virgin Islands, Bahamas, Mexico, Puerto Rico, South America.....	7			Fla.,* La., N. Y., P. R., Tex.
<i>Sorghum vulgare technicum</i> (broomcorn).....	Argentina.....	2			La.
<i>Zea mays</i> (corn).....	Mexico, Puerto Rico.....	2			Fla., Tex.
<i>Dicyphus pallidicornis</i> (Fieber) (Miridae):					
Leaf.....	Norway.....	1			Minn.
<i>Dinoderus bifoveolatus</i> (Woll.) (Bostrichidae):					
Bamboo.....	Japan (?).....	1			Nebr.
<i>Cattleya</i> sp. (orchid).....	Costa Rica.....			1	Tex.
<i>Ceiba</i> sp.....	Mexico.....	1			Tex.
<i>Neoglaziovia variegata</i> (caroa).....	Brazil.....	1			N. Y.
<i>Serjania lethalis</i> (timboe).....	Peru.....	1			N. Y.
<i>Serjania mexicana</i> (barbasco).....	Brazil, Dutch Guiana, Peru.....	9			N. Y.
Wood.....	Honduras, Mexico.....	1		1	Tex.
<i>Dinoderus brevis</i> (Horn) (Bostrichidae):					
Bamboo.....	India, Japan (?), Philip- pines, South Pacific.....	12			Ga., Hawaii, Nebr., N. Y., Ohio, Wash.
<i>Diorymerellus laevimargo</i> Champ. (Curculionidae):					
<i>Laelia rubescens</i> (orchid).....	Guatemala.....			1	Tex.
Orchid.....	Guatemala, Mexico.....			31	Tex.
<i>Discoloma pygmaeum</i> Nevermann (Discolomidae):					
<i>Cedrela</i> sp. (?) (Spanish cedar).....	Colombia.....	1			N. Y.
<i>Disonycha dorsata</i> Harold (Chrysomelidae):					
Orchid.....	Mexico.....			1	Tex.
<i>Disonycha glabrata</i> (F.) (Chrysomelidae):					
Orchid.....	do.....			2	Tex.
<i>Disonycha leptolineata texana</i> Schaeff. (Chrysomelidae):					
<i>Capsicum frutescens</i> (pepper).....	do.....	1			Tex.
<i>Disonycha pluriligata</i> Lec. (Chrysomelidae):					
In baggage.....	do.....	1			Tex.
<i>Disonycha politula</i> Horn (Chrysomelidae):					
Orchid.....	do.....			2	Ariz., Tex.
<i>Draeculacephala minerva</i> Ball (Cicadellidae):					
<i>Beta vulgaris cicla</i> (chard).....	do.....	1			Ariz.
<i>Lactuca sativa</i> (lettuce).....	do.....	1			Ariz.
<i>Mentha</i> sp. (mint).....	do.....			1	Ariz.
<i>Petroselinum crispum latifolium</i> (parsley).....	do.....	1			Tex.
<i>Rorippa nasturtium-aquaticum</i> (watercress).....	do.....	1			Tex.
<i>Spinacia oleracea</i> (spinach).....	do.....	1			Ariz.
<i>Dryocoetes autographus</i> (Ratz.) (Scolytidae):					
<i>Pinus</i> sp. (pine).....	Italy.....	1			N. Y.
<i>Dyscinetus picipes</i> (Burm.) (Scarabaeidae):					
Orchid.....	Mexico.....			2	Tex.

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<i>Dysdercus mimulus</i> Hussey (Pyrrhocoridae):					
<i>Lactuca sativa</i> (lettuce)	Mexico		1		Tex.
<i>Lycopersicon esculentum</i> (tomato)	do.	1			Tex.
<i>Dysdercus mimus</i> (Say) (Pyrrhocoridae):					
<i>Hevea brasiliensis</i> (para rubber tree)	do.			1	D. C.
<i>Dysides obscurus</i> Parry (Bostrichidae):					
<i>Cattleya</i> sp. (orchid)	Colombia			1	N. J.
<i>Empoasca irrita</i> Latr. & DeL. (Cicadellidae):					
<i>Chrysanthemum</i> sp.	Mexico	1			Tex.
<i>Endrosis lactella</i> Schiff. (Oecophoridae):					
<i>Anemone</i> sp.	Netherlands			1	N. J.
<i>Hyacinthus</i> sp.	do.		1	3	Ala., Ill., N. Y.
<i>Muscari</i> sp.	do.			1	N. Y.
<i>Rhododendron</i> sp.	England, Netherlands			2	N. J.
<i>Tulipa</i> sp.	Netherlands, soldier's mail			2	La., Ohio.
<i>Epicerus cognatus</i> Sharp (Curculionidae):					
Railway car	Mexico				Tex.
<i>Solanum tuberosum</i> (potato)	do.	2	6		Tex.
<i>Epidiaspis piricola</i> (Del Guero.) (Coccidae):					
<i>Malus sylvestris</i> (apple)	France	1			N. Y.
<i>Epilachna varivestis</i> Muls. (Coccinellidae):					
<i>Lilium</i> sp.	Netherlands			1	N. Y.
Orchid	Mexico			2	Tex.
<i>Phaseolus</i> sp. (string bean)	do.	2			Tex.
<i>Epinotia opposita</i> Helm. (Olethreutidae):					
<i>Phaseolus</i> sp. (string bean)	do.	18	1		Ariz., Tex.
<i>Epitrix cucumeris</i> (Harris) (Chrysomelidae):					
<i>Physalis</i> sp. (husk tomato)	do.	1			Tex.
<i>Epitrix fasciata</i> Blanch. (Chrysomelidae):					
<i>Capiscum frutescens</i> (pepper)	do.	1			Ariz.
<i>Epitrix hirtipennis</i> Melsb. (Chrysomelidae):					
<i>Physalis</i> sp. (husk tomato)	do.	1			Tex.
<i>Erannia aurantiaria</i> Hbn. (Geometridae):					
Soil around <i>Rhododendron</i> roots	England			1	N. J.
<i>Erannia leucophaea</i> Schiff. (Geometridae):					
Bark in crate of <i>Rhododendrons</i>	do.			1	Wash.
<i>Erannia marginaria</i> (F.) (Geometridae):					
Soil around <i>Rhododendrons</i>	do.			1	N. J.
<i>Ereunetes floricornis</i> Walsm. (Tineidae):					
<i>Annona comosa</i> (pineapple)	Hawaii	2			Calif.*
<i>Cocos nucifera</i> (coconut)	Hawaii, Samoa	3	1		Calif.* Hawaii
<i>Ereunetes minuscula</i> Walsm. (Tineidae):					
<i>Carica papaya</i> (papaya)	Cuba		1		Ga.
<i>Eriococcus araucariae</i> Mask. (Coccidae):					
<i>Araucaria excelsa</i> (Norfolk Island pine)	Hawaii			1	Calif.
<i>Eriobius obliquus</i> F. (Anobiidae):					
<i>Picea</i> sp. (spruce)	Sweden	1			N. Y.
<i>Pinus</i> sp. (pine)	do.	1			N. Y.
<i>Estigmene acrea</i> (Drury) (Arecidae):					
<i>Capiscum frutescens</i> (pepper)	Mexico	1			Ariz.
<i>Cucurbita maxima</i> (squash)	do.	1			Tex.
<i>Eugaster bella</i> (Loew) (Tephritidae):					
Airplane	do.		1		Tex.
<i>Eucalandra setulosa</i> (Gyll.) (Curculionidae):					
<i>Arundinaria</i> sp. (bamboo)	do.	1			Ariz.
Bamboo	do.	1			Ariz.
<i>Merostachys</i> sp.	do.	1			Ariz.
<i>Eucalyptus tessellatus</i> (Sien.) (Coccidae):					
<i>Gardenia angustata</i> (Cape jasmine)	do.	3			Tex.
<i>Euleia herackii</i> (L.) (Tephritidae):					
<i>Apium graveolens</i> (celery)	France		1		Md.
<i>Eumecanomyia nubila</i> (Wied.) (Oritidae):					
<i>Zea mays</i> (corn)	Mexico	1			Tex.

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<i>Eurycipitia vestitus</i> Dist. (Miridae):					
<i>Cattleya aclandiae</i> (orchid)	Brazil			1	Calif.*
<i>Laelia perrini</i> (orchid)	do			1	Calif.*
<i>Laelia purpurata</i>	do			2	Calif.*
<i>Odontoglossum laeae</i> (orchid)	Guatemala			1	Calif.*
Orchid	Brazil			1	Calif.*
<i>Zygopetalum mackayi</i> (orchid)	do			1	Calif.*
<i>Zygopetalum meleagris</i> (orchid)	do			1	Calif.*
<i>Eurypedus nigrosignatus</i> (Boh.) (Chrysomelidae):					
<i>Mammillaria</i> sp. (cactus)	Guatemala			1	N. J.
<i>Eurytoma orchidearum</i> (Westw.) (Eurytomidae):					
<i>Cattleya gaskelliana</i> (orchid)	Guatemala, Venezuela			3	Calif.,* N. J. Tex.
<i>Cattleya gigas</i>	Colombia			1	Calif.*
<i>Cattleya labiata</i>	Brazil			3	N. J.
<i>Cattleya loddigesii</i>	do			1	Calif.*
<i>Cattleya luedemanniana</i>	Venezuela			1	Calif.*
<i>Cattleya mendeli</i>	Colombia			2	N. J.
<i>Cattleya mossiae</i>	Venezuela			6	Calif.,* N. J. Tex.
<i>Cattleya percivaliana</i>	do			1	Calif.*
<i>Cattleya trianae</i>	Colombia			1	N. J.
<i>Cattleya</i> sp	Brazil, Colombia, South America, Venezuela			141	Calif.,* N. J. Tex.
Orchid	Colombia, Mexico, Venezuela			6	N. J., Tex.
<i>Eusepes postfasciatus</i> (Fairm.) (Curculionidae):					
<i>Ipomoea batatas</i> (sweetpotato)	Brazil, Cuba, Hawaii, Puerto Rico, Venezuela, Virgin Islands.	7	14		Calif.,* Fla., La., Md. N. Y., Pa
<i>Eutettix tenellus</i> (Bak.) (Cicadellidae):					
<i>Brassica rapa</i> (turnip)	Mexico	1			Tex.
<i>Euxesta annonae</i> (F.) (Otitidae):					
<i>Brassica oleracea acephala</i> (kale)	do		1		Ariz.
<i>Euxesta stigmatias</i> Loew (Otitidae):					
<i>Iilium longiflorum</i> (Easter lily)	do		1		Tex.
<i>Zea mays</i> (corn)	Mexico, Puerto Rico	4			Ariz., Fla.*
<i>Everes comyntas</i> (Godart) (Lycaenidae):					
<i>Phaseolus</i> sp. (string bean)	Mexico	4			Tex.
<i>Evergestis forficatis</i> (L.) (Pyraustidae):					
<i>Brassica oleracea capitata</i> (cabbage)	Denmark, France, Norway.		3		N. Y., Va.
<i>Evergestis rimosalis</i> (Guen.) (Pyraustidae):					
<i>Beta vulgaris</i> (beet)	Mexico	1			Tex.
<i>Beta vulgaris cicla</i> (Swiss chard)	do	1			Tex.
<i>Brassica oleracea botrytis</i> (cauliflower)	Cuba		1		La.
<i>Brassica oleracea capitata</i> (cabbage)	Mexico	1			Tex.
<i>Brassica rapa</i> (turnip)	do	1			Tex.
<i>Rorippa nasturtium-aquaticum</i> (watercress)	do	7			Tex.
<i>Exitianus obscurinervis</i> (Stal) (Cicadellidae):					
<i>Gladiolus</i> sp	do	1			Tex.
<i>Malus sylvestris</i> (apple)	do	1			Tex.
<i>Erosoma lusitanica</i> (L.) (Chrysomelidae):					
<i>Muscari comosum</i> (cipollino)	Morocco	4			N. Y.
<i>Erptochiamera minima</i> (G.-M.) (Lygaeidae):					
Airplane	Mexico		5		Tex.
<i>Ananas comosus</i> (pineapple)	do	3			Tex.
<i>Cattleya skinneri</i> (orchid)	Canal Zone			1	Tex.
<i>Laelia</i> sp. (orchid)	Mexico			1	Tex.
<i>Lycopersicon esculentum</i> (tomato)	do	1			Tex.
<i>Odontoglossum</i> sp. (orchid)	do			1	Tex.
Orchid	Guatemala, Mexico			20	Tex.
<i>Zea mays</i> (corn)	Mexico	1			Tex.
<i>Erptochiamera oblonga</i> (Stal) (Lygaeidae):					
<i>Celosia cristata</i> (cockscorn)	do	1			Tex.
<i>Chrysanthemum</i> sp	do	1			Tex.
<i>Paula brunneipennis</i> (Bts.) (Scarabaeidae):					
<i>Rosa</i> sp	Guatemala	1			La.

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<i>Fernaldella fimetaria</i> (G. & R.) (Geometridae):					
<i>Gladiolus</i> sp.	Mexico	1			Tex.
<i>Fiorinia proboscidiaria</i> Green (Coccidae):					
<i>Citrus grandis</i> (pummelo)	India		1		Mass.
<i>Forficula auricularia</i> L. (Forficulidae):					
<i>Brassica oleracea capitata</i> (cabbage)	Denmark		1		Tex.
Bulb	Netherlands			2	Mass., N. Y.
<i>Calluna vulgaris</i> (heather)	England, Scotland	2			D. C., Ill.
Flowers	England	1			N. Y.
<i>Freesia</i> sp.	Netherlands			1	N. J.
<i>Hyacinthus</i> sp.	do.			1	Mass.
<i>Iris</i> sp.	do.			2	N. J.
Peat moss packing around <i>Coreopsis</i> sp.	do.			1	N. J.
<i>Puschkinia</i> sp.	do.			1	N. J.
<i>Saxifraga</i> sp.	do.			1	N. J.
<i>Frankliniella bratleyi</i> Wats. (Thripidae):					
<i>Polianthes</i> sp.	Cuba, Mexico			2	Tex.
<i>Frankliniella cephalica</i> (Crawf.) (Thripidae):					
<i>Gardenia augusta</i> (Cape-jasmine)	do.	1			Tex.
<i>Frankliniella insularis</i> (Frankl.) (Thripidae):					
<i>Bryophyllum</i> sp.	Bermuda	1			N. Y.
<i>Passiflora</i> sp. (passion flower)	do.	1			N. Y.
<i>Spathodea</i> sp. (flambeautree)	do.	1			N. Y.
<i>Frankliniella minuta</i> (Mitt.) (Thripidae):					
<i>Dianthus</i> sp. (carnation)	Mexico	1			Tex.
<i>Frankliniella sulphurea</i> Schm. (Thripidae):					
<i>Lycopersicon esculentum</i> (tomato)	Hawaii		1		Calif.*
<i>Frankliniella vespiformis</i> (Crawf.) (Frankliniellidae):					
<i>Capsicum frutescens</i> (pepper)	Mexico	2			Ariz.
<i>Rorippa nasturtium aquaticum</i> (watercress)	do.	1			Tex.
<i>Rosa</i> sp.	do.		1		Tex.
<i>Fulvius albomaculatus</i> Dist. (Miridae):					
<i>Cattleya</i> spp. (orchid)	Venezuela			1	Calif.*
Log	Guatemala	1			Wash.
<i>Fundella pellucens</i> Zell. (Phycitidae):					
<i>Phaseolus</i> sp. (string bean)	Puerto Rico	1			Fla.*
<i>Furcaspis bifurcata</i> (Ckll.) (Coccidae):					
<i>Brassavola nodosa</i> (orchid)	Canal Zone			1	N. J.
<i>Cattleya aurantiaca</i> (orchid)	Costa Rica, Honduras			2	Calif.,* Tex.
<i>Cattleya bowringiana</i>	Mexico			1	Calif.*
<i>Cattleya schroederiana</i>	Colombia			1	Calif.*
<i>Cattleya trianae</i>	do.			2	Calif.,* Tex.
<i>Cattleya</i> sp.	Canal Zone, Colombia, Hawaii, Philippines, Venezuela	2		31	Calif.,* N. J., Tex.
<i>Epidendrum atropurpureum</i> (orchid)	Canal Zone, Costa Rica			13	N. J., Tex., Wash.
<i>Epidendrum aurantiacum</i>	Costa Rica, Honduras			2	Calif.,* Tex.
<i>Epidendrum ionophris</i>	Canal Zone			1	Tex.
<i>Epidendrum</i> sp.	Canal Zone, Colombia			9	Calif.,* N. J., Tex.
<i>Laelia purpurata</i> (orchid)	Brazil			2	N. J.
<i>Laelia</i> sp.	Mexico			1	Calif.*
<i>Oncidium confusum</i> (orchid)	Canal Zone			5	Calif.,* N. J., Tex.
<i>Oncidium panamense</i>	do.			2	Tex.
<i>Oncidium</i> sp.	Trinidad			1	N. J.
Orchid	Canal Zone, Venezuela		1		N. Y., Tex.
<i>Rodriguezia secunda</i> (orchid)	Canal Zone			1	Tex.
<i>Vanda</i> sp. (orchid)	Hawaii			1	Calif.*
<i>Furcaspis oceanica</i> Ldgr. (Coccidae):					
<i>Cocos nucifera</i> (coconut)	Johnston Island, Majuro Island	2			Hawaii.
<i>Galgupha magna</i> Sailer (Pentatomidae):					
Orchid	Mexico			1	Tex.
<i>Galgupha punctifer</i> McA. & Mall. (Pentatomidae):					
Orchid	do.			4	Tex.

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<i>Galgupha texana</i> McA. & Mall. (Pentatomidae): Orchid	Mexico			1	Tex.
<i>Gastrophysa polygoni</i> (L.) (Chrysomelidae): Brassica oleracea capitata (cabbage)	Spain		1		N. Y.
<i>Gerstaeckeria mutillaria</i> (Gerst.) (Curculionidae): Cactus	Mexico			1	Tex.
<i>Glyptina nivalis</i> Horn (Chrysomelidae): Orchid	do			1	Tex.
<i>Gnaphalocrocis medinalis</i> (Guen.) (Pyraustidae): Oryza sativa (rice)	China, soldier's mail	2			Calif.,* Tex.
<i>Gnathamitermes perplexus</i> (Banks) (Termitidae): Cabin of airplane	Mexico		1		Tex.
<i>Gnorimoschema gudmannella</i> (Wlsm.) (Gelechiidae): Capsicum frutescens (pepper)	Brazil, Mexico	51	3		Ariz., Mass., Tex.
<i>Lycopersicon esculentum</i> (tomato)	Mexico	1			Tex.
<i>Physalis</i> sp. (husk tomato)	do	1			Tex.
<i>Gnorimoschema lavernella</i> (Chamb.) (Gelechiidae): Physalis sp. (husk tomato)	do	24			Tex.
<i>Gnorimoschema plaesiosema</i> (Turner) (Gelechiidae): Solanum muricatum (pepino)	Chile		1		Ala.
<i>Gracilaria azaleella</i> Brants (Gracilariidae): Rhododendron indicum vernaeanum	Belgium			1	N. J.
Rhododendron indicum (indica azalea)	do			1	N. J.
Rhododendron sp.	Belgium, Netherlands			18	N. J., Wash.
<i>Grapholitha packardii</i> Zell. (Olethreutidae): Cydonia oblonga (quince)	Mexico	3			Tex.
<i>Grapholitha saltitans</i> (Westwd.) (Olethreutidae): Sebastiania pavoniana (Mexican jumping bean)	do	1			Tex.
<i>Gymnandrosoma aurantianum</i> Da Costa Lima (Olethreutidae): Citrus sinensis (orange)	Brazil, Ecuador, Trinidad.	1	3		Fla.,* N. Y., Tex.
<i>Gynaikothrips ficorum</i> (Marchal) (Phlaeothripidae): Ficus sp.	Canal Zone			1	N. J.
<i>Halotydeus destructor</i> (Tucker) (Penthaleidae): Beta sp.	Union of South Africa		1		N. Y.
<i>Haplothrips aculeatus</i> (F.) (Phlaeothripidae): Rhododendron sp.	Belgium			1	N. J.
<i>Haplothrips cotei</i> (Vuillet) (Phlaeothripidae): Dianthus sp. (carnation)	Mexico, Unknown	2	1		Ill., Tex.
<i>Haplothrips gowdeyi</i> (Frankl.) (Phlaeothripidae): Bougainvillea sp.	Hawaii	2			Calif.*
Bryophyllum sp.	Bermuda	1			N. Y.
Canavalia sp.	Hawaii	1			Calif.*
Flower—daisy like	Bermuda	1			Mass.
Flower lei	Hawaii	1			Calif.*
Gardenia augusta (Cape-jasmine)	do	1			Calif.*
Lathyrus odoratus (sweet pea)	Bermuda	1			Va.
Mesembryanthemum sp.	Hawaii	1			Calif.*
<i>Haplothrips nigricornis</i> Bagn. (Phlaeothripidae): Ornithogalum thyrsoides (chinkerichiee)	Union of South Africa	1			N. Y.
<i>Helipus caecus</i> Champ. (Curculionidae): Orchid	Mexico			1	Tex.
<i>Heliodines bella</i> (Champ.) (Heliodinidae): Lactuca sativa (lettuce)	do	2			Tex.
Lycopersicon esculentum (tomato)	do	1			Tex.
Portulaca oleracea (purslane)	do	73			Tex.
Portippa nasturtium aquaticum (watercress)	do	1			Tex.
<i>Heliothis subflava</i> (Guen.) (Phalaenidae): Physalis sp. (husk tomato)	do	30			Tex.
<i>Hellula phidilealis</i> (Wlk.) (Pyraustidae): Brassica oleracea botrytis (cauliflower)	Trinidad		1		Mass.
Brassica oleracea capitata (cabbage)	Mexico, Trinidad	1	2		Ariz., Tex.
Brassica rapa (turnip)	Cuba		2		N. Y., Tex.
<i>Hemimene juliana</i> (Curt.) (Olethreutidae): Castanea sp. (chestnut)	Spain	1			N. Y.

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<i>Heterobostrychus aequalis</i> (Waterh.) (Bostrichidae): Wood	India	1			N. Y.
<i>Heterobostrychus pileatus</i> Lesne (Bostrichidae): Bamboo	do.	1			Wash.
<i>Heterogaster urticae</i> (F.) (Lygaeidae): Packing with mixed shrubs	Netherlands			1	N. J.
Packing around <i>Amaryllis</i> sp.	do.			1	N. J.
<i>Heterotermes tenuis</i> (Hag.) (Rhinotermitidae): Morus sp. (mulberry)	Bahamas			1	Tex.
<i>Vanda teres</i> (orchid)	Canal Zone			1	Tex.
<i>Hilipinus punctatoscabratus</i> (Boh.) (Curculionidae): Orchid	Mexico			1	Tex.
<i>Hofmannophila pseudospretella</i> (Staint.) (Oecophoridae): <i>Anemone</i> sp.	Netherlands			2	N. J.
<i>Anthurium</i> sp.	Ireland			1	N. J.
Bean pod	Denmark or Germany	1			La.
Bulb	Netherlands			1	Tex.
<i>Calluna vulgaris</i> (heather)	England	2			Minn., N. Y.
<i>Colchicum</i> sp.	Netherlands			1	N. J.
<i>Dahlia</i> sp.	France	1			Tex.
Grass packing	Denmark or Germany	1			La.
<i>Hyacinthus</i> sp.	Netherlands			1	Mass.
<i>Iris</i> sp.	do.			1	N. J.
Leaf	England	1			N. Y.
<i>Lupinus</i> sp.	do.	1			N. Y.
<i>Petrocoptis lagascae</i>	Ireland			1	N. J.
<i>Pinus nigra</i> (Austrian pine)	Sweden			1	Ohio.
<i>Solanum tuberosum</i> (potato)	England		1		Tex.
<i>Tulipa</i> sp. (tulip)	Netherlands	1		1	Md., Tex.
<i>Homalodisca triquetra</i> (F.) (Cicadellidae): Cactus	Mexico			1	Tex.
<i>Hoplandrothrips ellisi</i> Bagn. (Phlaeothripidae): <i>Daphne</i> sp.	Netherlands			1	N. J.
<i>Hyalopezus pellucidus</i> Stal (Miridae): Airplane	South Pacific			1	Hawaii.
<i>Hylastes ater</i> (Payk.) (Scolytidae): <i>Malus sylvestris</i> (apple)	Australia	1			N. Y.
<i>Hylurgops palliatus</i> (Gyll.) (Scolytidae): <i>Pinus</i> sp. (pine)	Czechoslovakia, Sweden	2			N. Y.
<i>Hymenia recurvalis</i> (F.) (Pyraustidae): Airplane	Japan, South Pacific			2	Hawaii.
<i>Hypothenemus rufopalliatatus</i> Hopk. (Scolytidae): Morus sp. (mulberry)	Bahamas			2	Tex.
<i>Hypsipyla grandella</i> (Zell.) (Phycitidae): <i>Cybtaxa donnell-smithi</i> (primavera)	Mexico	1			Calif.*
<i>Icerya seychellarum</i> (Westw.) (Coccidae): <i>Codiaeum</i> sp. (croton)	Mozambique			1	N. Y.
<i>Psidium guajava</i> (guava)	Tahiti	1			Calif.*
<i>Inglisia vitrea</i> Okl. (Coccidae): <i>Mammea americana</i> (mamey)	Dominican Republic	1			Fla.*
<i>Ips acuminatus</i> (Gyll.) (Scolytidae): <i>Pinus</i> sp. (pine)	Denmark	1			N. Y.
<i>Ips borealis</i> Sw. (?) (Scolytidae): <i>Pinus</i> sp.	Canada	1			N. Y.
<i>Ips interstitialis</i> (Eichh.) (Scolytidae): Log	Mexico	1			Tex.
<i>Ips typographus</i> (L.) (Scolytidae): <i>Pinus</i> sp. (pine)	Sweden	1			N. Y.
<i>Iridomyrmex humilis</i> Mayr. (Formicidae): Bela sp.	Union of South Africa		1		N. Y.
Herb	Portugal	1			N. Y.
<i>Malus sylvestris</i> (apple)	Madeira Islands	1			N. Y.
<i>Protea compacta</i>	Union of South Africa	1			Mass.
<i>Protea lepidocarpon</i>	do.	1			Mass.
<i>Protea</i> sp.	do.	1			Mass.

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		Consumption	Nonentry	Propagation	
<i>Iridomyrmex iniquus</i> Mayr. (Formicidae):					
<i>Cattleya</i> sp. (orchid).....	Colombia.....			1	N. J.
<i>Oncidium splendidum</i> (orchid).....	Guatemala.....			1	Calif.*
<i>Ischnodemus umbratus</i> Dist. (Lygaeidae):					
<i>Lycopersicon esculentum</i> (tomato).....	Mexico.....	1			Tex.
<i>Ischyus frontalis</i> Lac. (Erotylidae):					
Orchid.....	do.....			3	Tex.
<i>Ischyus proximus</i> Lac. (Erotylidae):					
Orchid.....	Guatemala.....			1	Tex.
<i>Jadera sanguinolenta</i> (F.) (Coreidae):					
Airplane.....	Mexico (?), Unknown.....		2		La.
<i>Kaloterms bequaerti</i> Snyder (Kalotermitidae):					
<i>Cedrus</i> sp. (cedar).....	Bermuda.....	1			N. Y.
<i>Lampetia equestris</i> (F.) (Syrphidae):					
<i>Narcissus</i> sp.....	France, Netherlands.....	1		1	Pa., Tex.
<i>Lampides boeticus</i> (L.) (Lycaenidae):					
<i>Canavalia</i> sp.....	Hawaii.....	3			Calif.*
<i>Laphygma exempta</i> (Wlkr.) (Phalaenidae):					
Airplane.....	Australia.....		1		Hawaii.
<i>Laspeyresia leguminis</i> Hein. (Olethreutidae):					
<i>Phaseolus</i> sp. (string bean).....	Mexico.....		2		Tex.
<i>Laspeyresia membraosa</i> Hein. (?) (Olethreutidae):					
<i>Prosopis</i> sp. (mesquite).....	do.....		1		Tex.
<i>Laspeyresia nigricana</i> (Stph.) (?) (Olethreutidae):					
<i>Pisum sativum</i> (pea).....	England.....	1			Pa.
<i>Laspeyresia splendana</i> (Hbn.) (Olethreutidae):					
<i>Castanea</i> sp. (chestnut).....	Austria, Belgium, France, Greece, Italy, Netherlands, Portugal, soldier's mail, Spain.....	53		1	Ala., Calif., Ga., Md., N. J., N. Y., Ohio, Pa., Tex., Va.
<i>Laspeyresia strobilella</i> (L.) (Olethreutidae):					
<i>Picea</i> sp. (spruce).....	Czechoslovakia, Norway.....	2			Minn., N. Y.
<i>Lechriops psidii</i> Mshl. (Curculionidae):					
<i>Psidium guajava</i> (guava).....	Puerto Rico.....	3			N. Y.
<i>Leopius cinereus</i> Lec. (Cerambycidae):					
Airplane.....	Mexico.....		1		Tex.
<i>Leperisinus frazini</i> (Panz.) (Scolytidae):					
<i>Fraxinus</i> sp. (ash).....	England.....	3			N. Y., Va.
Wood.....	do.....	1			N. Y.
<i>Lepidosaphes carinata</i> (Ckll.) (Coccidae):					
<i>Citrus aurantifolia</i> (sour lime).....	Venezuela.....		1		Calif.*
<i>Oncidium</i> sp. (orchid).....	Mexico.....			1	Tex.
<i>Philodendron</i> sp.....	Guatemala.....			1	N. J.
<i>Lepidosaphes mcgregori</i> Banks (Coccidae):					
<i>Cocos nucifera</i> (coconut).....	Philippines.....	1			Calif.*
<i>Lepidosaphes pallida</i> Green (Coccidae):					
<i>Juniperus</i> sp. (juniper).....	Japan.....		1		Calif.*
<i>Taxus</i> sp. (yew).....	do.....		1		Oreg.
<i>Lepidosaphes philococcus</i> (Ckll.) (Coccidae):					
Cactus.....	Mexico.....			7	N. J., Tex.
<i>Pachycereus marginatus</i> (cactus).....	do.....			1	N. J.
<i>Lepidosaphes rubronitatus</i> Ckll. (Coccidae):					
<i>Psidium guajava</i> (guava).....	Puerto Rico.....	1			N. Y.
<i>Lepidosaphes tokionis</i> (Kuw) (Coccidae):					
<i>Codiaeum variegatum</i> (croton).....	Hawaii.....			3	Calif.*
<i>Codiaeum</i> sp.....	East Africa, Mozambique, Puerto Rico, soldier's mail.....	1		3	N. J., N. Y.
<i>Lepidosaphes tuberculata</i> Malen. (Coccidae):					
<i>Cymbidium eburneum</i> (orchid).....	Japan.....			1	Calif.*
<i>Cymbidium giganteum</i>	Brazil.....			1	Calif.*
<i>Cymbidium lowianum</i>	China.....			1	Calif.*
<i>Cymbidium</i> sp.....	Australia, Belgium, England, India, Netherlands.....			21	Calif.,* N. J., Wash.
Orchid.....	China, Netherlands.....			2	Calif.,* N. J.

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<i>Lepidosaphes uniloba</i> (Kuw.) (Coccidae):					
<i>Alyxia olivaeformis</i>	Hawaii.....	1			Calif.*
<i>Leptinotarsa undecimlineata</i> (Stal) (Chrysomelidae):					
Leaf and stem.....	Cuba.....	1			Fla.*
<i>Leptoglossus australis</i> (F.) (Coreidae):					
Airplane.....	South Pacific.....		1		Hawaii.
<i>Leptostylus incrassatus</i> Klug (Cerambycidae):					
<i>Morus</i> sp. (mulberry).....	Bahamas.....			5	Tex.
<i>Leptotes marina</i> (Reak.) (Lycaenidae):					
<i>Medicago sativa</i> (alfalfa).....	Mexico.....	1			Tex.
<i>Leucaspis cockerelli</i> (de Charmoy) (Coccidae):					
Bromeliad.....	Venezuela.....			1	N. J.
<i>Citrus limon</i> (lemon).....	Panama.....		1		Calif.*
<i>Citrus paradisi</i> (grapefruit).....	do.....		1		Calif.*
<i>Vanda teres</i> (orchid).....	Canal Zone, Fiji Islands, Trinidad.....			5	Calif.,* N. J., Tex.
<i>Leucaspis indica</i> Marl. (Coccidae):					
<i>Mangifera indica</i> (mango).....	Cuba.....	1			Fla.*
<i>Leucaspis pusilla</i> Loew (Coccidae):					
<i>Pinus</i> sp. (pine).....	Greece.....	1			N. Y.
<i>Leucaspis riccae</i> Targ. (Coccidae):					
<i>Olea europaea</i> (olive).....	do.....	1			N. Y.
<i>Ligyrocoris abdominalis</i> (G.-M.) (Lygaeidae):					
<i>Lycopersicon esculentum</i> (tomato).....	Mexico.....	2			Tex.
<i>Ligyrocoris aurivilliana</i> Dist. (Lygaeidae):					
<i>Capsicum frutescens</i> (pepper).....	do.....	1			Tex.
<i>Lycopersicon esculentum</i> (tomato).....	do.....	3			Tex.
Orchid.....	do.....			1	Tex.
<i>Raphanus sativus</i> (radish).....	do.....	1			Tex.
<i>Ligyrrus cuniculus</i> (F.) (Scarabaeidae):					
<i>Morus</i> sp. (mulberry).....	Bahamas.....			1	Tex.
<i>Lineodes integra</i> (Zell.) (Pyraustidae):					
<i>Lycopersicon esculentum</i> (tomato).....	Mexico.....	1			Ariz.
<i>Liothrips vaneeckei</i> Pr. (Phlaeothripidae):					
<i>Lilium</i> sp.....	France.....			1	N. Y.
<i>Liriomyza pusilla</i> (Meig.) (Agromyzidae):					
<i>Capsicum frutescens</i> (pepper).....	Mexico.....	1			Ariz.
<i>Lixus nigrinus</i> (Champ. (Curculionidae):					
<i>Ananas comosus</i> (pineapple).....	do.....	1			Tex.
<i>Lophocateres pusillus</i> (Klug) (Ostomidae):					
<i>Myristica fragrans</i> (nutmeg).....	Grenada.....	1			N. Y.
<i>Oryza sativa</i> (rice).....	Curacao, Ecuador, Mozambique.....	3			Fla.,* Tex.
<i>Zea mays</i> (corn).....	India.....	1			Calif.*
<i>Lorostege helvialis</i> (Wlk.) (Pyraustidae):					
Weeds and sorghum.....	Mexico.....	1			Tex.
<i>Lorostege oblitteralis</i> (Wlk.) (Pyraustidae):					
<i>Raphanus sativus</i> (radish).....	do.....	1			Tex.
<i>Lorostege similalis</i> (Guen.) (Pyraustidae):					
<i>Beta vulgaris cicla</i> (Swiss chard).....	do.....	2			Tex.
<i>Brassica</i> sp. (mustard).....	do.....	1			Tex.
<i>Lactuca sativa</i> (lettuce).....	do.....	1			Tex.
<i>Phaseolus</i> sp. (string bean).....	do.....	1			Tex.
<i>Portulaca oleracea</i> (purslane).....	do.....	3			Tex.
<i>Lyctus caribeanus</i> Lesne (Lyctidae):					
Bamboo.....	Jamaica.....	1			N. Y.
<i>Lygaeus analis</i> Dallas (Lygaeidae):					
<i>Lycopersicon esculentum</i> (tomato).....	Mexico.....	1			Tex.
<i>Lygaeus circumlitus</i> Stal (Lygaeidae):					
Cactus.....	do.....			1	Tex.
<i>Lygaeus circumplacatus</i> Dist. (Lygaeidae):					
<i>Laelia</i> sp. (orchid).....	do.....			1	Tex.
Orchid.....	do.....			1	Tex.
<i>Lygaeus pallescens</i> Stal (Lygaeidae):					
Orchid.....	do.....			1	Tex.

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<i>Lygaeus vittiscutis</i> Stal (Lygaeidae):					
<i>Cattleya skinneri</i> (orchid).....	Guatemala.....			1	Tex.
<i>Laelia</i> sp. (orchid).....	Mexico.....			1	Tex.
Orchid.....	do.....			6	Tex.
<i>Lygus elisus</i> Van D. (Miridae):					
<i>Brassica</i> sp. (mustard).....	do.....	2			Tex.
<i>Baphanus sativus</i> (radish).....	do.....	1			Tex.
<i>Lygus oblineatus</i> (Say) (Miridae):					
Airplane.....	do.....		1		Tex.
<i>Brassica rapa</i> (turnip).....	do.....	1			Tex.
<i>Brassica</i> sp.....	do.....	1			Tex.
<i>Lactuca sativa</i> (lettuce).....	do.....	1			Ariz.
<i>Baphanus sativus</i> (radish).....	do.....	1			Tex.
<i>Macrocephalus notatus</i> Westwood (Phymatidae):					
<i>Musa paradisiaca sapientum</i> (banana).....	do.....	1			Calif.*
<i>Macrocephalus stali</i> Handl. (Phymatidae):					
Orchid.....	do.....			4	Tex.
<i>Macrodactylus sericinus</i> Bates (Scarabaeidae):					
<i>Rosa</i> sp.....	Guatemala.....	1			Tex.
<i>Maemactes ruficornis</i> Boh. (Curculionidae):					
<i>Laelia</i> sp. (orchid).....	Mexico.....			1	Tex.
Orchid.....	do.....			2	Tex.
<i>Malachius rufipes</i> F. (Malachiidae):					
Orchid.....	do.....			4	Tex.
<i>Maruca testulalis</i> (Geyer) (Pyraustidae):					
Bean.....	Gold Coast, Puerto Rico.....	1	1		Fla.,* Va.
<i>Cajanus cajan</i> (pigeonpea).....	Hawaii, Puerto Rico.....	17	2		Calif.,* Fla.,* N. Y., Pa.
<i>Canavalia</i> sp.....	Hawaii.....	1			Calif.*
<i>Capsicum frutescens grossum</i> (sweetbell red-pepper).....	do.....		1		Calif.*
<i>Phaseolus vulgaris</i> (kidney bean).....	do.....	1			Calif.*
<i>Phaseolus</i> sp. (string bean).....	Cuba, Haiti, Hawaii, Puerto Rico.....	1	3		Calif.,* Fla.,* La., Tex.
<i>Mecolaemus carvalhoi</i> (Costa Lima) (Miridae):					
<i>Cattleya</i> sp. (orchid).....	Venezuela.....			6	Calif.,* N. J.
<i>Megalometis chiliensis</i> Boh. (Curculionidae):					
<i>Vitis</i> sp. (grape).....	Chile.....	1			N. Y.
<i>Mesovelia orientalis</i> Kirk. (Mesoveliidae):					
Airplane.....	Johnston Island, South Pacific.....		2		Hawaii.
<i>Metamasius sericeus</i> (Oliv.) (Curculionidae):					
<i>Musa paradisiaca sapientum</i> (banana).....	Costa Rica, Honduras, Panama.....	4			Calif.,* Md.
<i>Metamasius sericeus</i> , approaching <i>hemipterus</i> (L.) (Curculionidae):					
<i>Musa paradisiaca sapientum</i> (banana).....	Ecuador.....	1			La.
<i>Micrapate labialis</i> Lesne (Bostrichidae):					
<i>Sambucus</i> sp. (elder).....	Mexico.....	5			N. Y.
Wood.....	do.....	3			Ariz., N. Y., Wash.
<i>Micrelus ericae</i> (Gyll.) (Curculionidae):					
<i>Calluna vulgaris</i> (heather).....	Scotland.....	1			N. Y.
<i>Milichiella lacteipennis</i> (Loew) (Agromyzidae):					
Airplane.....	Kwajalein Island, South Pacific.....		3		Hawaii.
<i>Mimorista flavidissimalis</i> (Grote) (Pyraustidae):					
Cactus.....	Mexico.....	2			Tex.
<i>Mimosestes dominicana</i> (Jek.) (Bruchidae):					
<i>Caesalpinia coriaria</i> (divi-divi).....	Colombia, Dominican Republic, Mexico, Venezuela.....	11	2		Ariz., Fla.,* N. Y., Tex.
<i>Caesalpinia</i> sp.....	Mexico.....	1			Tex.
<i>Cybistax donnell-smithi</i> (primavera).....	Guatemala.....	1			N. Y.
<i>Mimosestes sallaei</i> (Sharp) (Bruchidae):					
<i>Acacia farnesiana</i> (huisache).....	Mexico.....			1	Tex.
<i>Prosopis</i> sp.....	do.....	1			Ariz.

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<i>Minthea rugicollis</i> (Wlk.) (Lyctidae): Bamboo.....	Philippines.....	2			Hawaii, Wash.
<i>Cattleya</i> sp. (orchid).....	Colombia.....			1	Tex.
<i>Gossypium</i> sp. (cotton linter).....	Europe (?).....	1			Tex.
Wood.....	China.....	1			Hawaii.*
<i>Monanthia monotropidia</i> Stal (Tingitidae): Orchid.....	Mexico.....			2	Tex.
<i>Moneilema opuntiae</i> Fisher (Cerambycidae): <i>Tillandsia</i> sp.....	do.....			1	Tex.
<i>Moodna bisinuella</i> Hamp. (Phycitidae): <i>Zea mays</i> (corn).....	do.....	35	1		Ala., Tex.
<i>Morganella longispina</i> (Morg.) (Coccidae): <i>Nerium oleander</i> (oleander).....	Bermuda.....	1		1	N. J., N. Y.
<i>Zizyphus jujuba</i> (jujube).....	Bahamas.....	1			Fla.,* N. Y.
<i>Mormidea collaris</i> Dallas (Pentatomidae): Orchid.....	Mexico.....			1	Tex.
<i>Mormidea notulata</i> (H.-S.) (Pentatomidae): Orchid.....	do.....			3	Tex.
<i>Mormidea v-luteum</i> (Licht.) (Pentatomidae): <i>Laelia autumnalis labiata</i> (orchid).....	Brazil.....			1	Calif.*
Orchid.....	do.....			1	Calif.*
<i>Myelobia smerintha</i> (Hbn.) (Galleriidae): Bamboo.....	Mexico.....	1			Tex.
<i>Myelois ceratoniae</i> Zell. (Phycitidae): <i>Cydonia oblonga</i> (quince).....	Greece.....	1			N. Y.
<i>Phoenix dactylifera</i> (date).....	Algeria.....	2			Nebr., N. Y.
<i>Tamarindus indica</i> (tamarind).....	Cuba, Puerto Rico.....	2			Fla.,* N. Y.
<i>Myelois venipars</i> Dyar (Phycitidae): <i>Citrus sinensis</i> (orange).....	Mexico.....	1			Ariz.
<i>Myodocha longicollis</i> Stal (Lygaeidae): Orchid.....	do.....			1	Tex.
<i>Nabis alternatus</i> Parshley (Nabidae): Brassica sp. (mustard).....	do.....	1			Tex.
<i>Raphanus sativus</i> (radish).....	do.....	1			Tex.
<i>Nabis dentipes</i> Harris (Nabidae): Rosa sp.....	do.....	1			Tex.
<i>Nasutitermes cornigera</i> (Motsch.) (Termitidae): <i>Musa paradisiaca sapientum</i> (banana).....	Honduras.....	1			S. C.
Orchid.....	Mexico.....			1	Tex.
<i>Nasutitermes tuzonicus</i> (Oshima) (Termitidae): Wooden case.....	Philippines.....	1			Hawaii.
<i>Nasutitermes tipuanicus</i> (Holmgren) (Termitidae): <i>Dalbergia</i> sp. (rosewood).....	Brazil.....	1			N. Y.
<i>Nemapogon granella</i> (L.) (Tineidae): <i>Agaricus campestris</i> (mushroom).....	Austria, Italy.....	2			Mo., Tex.
<i>Anemone</i> sp.....	Netherlands.....			8	N. J.
<i>Nemocephalus guatemalensis</i> Senna (Brentidae): Log.....	Guatemala.....	1			Wash.
<i>Neocattarus vegetus</i> Dist. (Lygaeidae): Orchid.....	Mexico.....			2	Tex.
<i>Neoclytus cacicus</i> Chev. (Cerambycidae): Log.....	Costa Rica.....	1			Calif.*
<i>Neodryocoetes guianae</i> Blkm. (Scolytidae): <i>Cajanus cajan</i> (pigeonpea).....	British Guiana.....	3			N. J., N. Y.
<i>Pisum sativum</i> (pea).....	do.....	1			N. Y.
<i>Neoleucinodes elegantalis</i> (Guen.) (Pyraustidae): <i>Lycopersicon esculentum</i> (tomato).....	Mexico.....	79			Tex.
<i>Solanum melongena</i> (eggplant).....	Brazil.....			1	Tex.
<i>Neotermes castaneus</i> (Burm.) (Termitidae): <i>Guajacum officinale</i> (lignum vitae).....	Dominican Republic.....	1			N. Y.
<i>Nephotettix bipunctatus</i> (F.) (Cicadellidae): Airplane.....	Canton Island, Philip- pines, South Pacific.			6	Hawaii.
<i>Nicentrus testaceipes</i> Champ. (Curculionidae): Orchid.....	Mexico.....			1	Tex.

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		Consumption	Nonentry	Propagation	
<i>Nicobium castaneum</i> (Oliv.) (Anobiidae): Pinus sp. (pine) (?)	Greece	1			N. Y.
<i>Nicobium castaneum hirtum</i> (Ill.) (Anobiidae): Ananas comosus (pineapple)	Mexico	1			Tex.
<i>Nysius basalis</i> Dallas (Lygaeidae): Orchid	do			1	Tex.
<i>Nysius blackburni</i> White (Lygaeidae): Airplane	Johnston Island, South Pacific.		5		Hawaii.
<i>Nysius calliger</i> Stal (Lygaeidae): Orchid	Mexico			1	Tex.
<i>Nysius coenosulus</i> Stal (Lygaeidae): Airplane	Palmyra Island		1		Hawaii.
<i>Nysius dallasi</i> White (Lygaeidae): Airplane	South Pacific		7		Hawaii.
<i>Nysius delectus</i> White (Lygaeidae): Airplane	Christmas Island		1		Hawaii.
<i>Nysius raphanus</i> Howard (Lygaeidae): Airplane	Mexico		1		Tex.
Beta vulgaris (beet)	do	1			Ariz.
Brassica oleracea capitata (cabbage)	do	1			Tex.
Brassica rapa (turnip)	do	2			Tex.
Brassica sp. (mustard)	do	4			Tex.
Lactuca sativa (lettuce)	do	1			Ariz.
Mathiola sp. (stock)	do	1			Tex.
Phaseolus sp. (string bean)	do	1			Ariz.
Portulaca oleracea (purslane)	do	7			Tex.
Raphanus sativus (radish)	do	2			Tex.
Rorippa nasturtium aquaticum (watercress)	do	1			Tex.
Spinacea oleracea (spinach)	do	5			Ariz., Tex.
<i>Odonaspis penicillata</i> Green (Coccidae): Bamboo	Jamaica	1			N. Y.
<i>Ofatulena duodecimstriata</i> (Wlsm.) (Olethreutidae): Prosopis sp. (mesquite)	Mexico	1			Tex.
<i>Ogdoecosta biannularis</i> (Boh.) (Chrysomelidae): Orchid	do			3	Tex.
<i>Ogdoecosta catenulata</i> (Boh.) (Chrysomelidae): Musa paradisiaca sapientum (banana)	do	1			Tex.
Orchid	do			1	Tex.
<i>Olibrus submaculatus</i> Sharp (Phalacridae): Ananas comosus (pineapple)	do	1			Tex.
<i>Olibrus submarginatus</i> Sharp (Phalacridae): Cane stalk	do		1		Tex.
<i>Oncopeltus cingulifer</i> Stal (Lygaeidae): Musa paradisiaca sapientum (banana)	do	1			Ariz.
<i>Oosternum costatum</i> Sharp (Hydrophilidae): Cattleya skinneri (orchid)	Guatemala			1	Tex.
<i>Odontoglossum grande</i> (orchid)	do			1	Calif.*
<i>Opistheuria latipennis</i> (Stal) (Miridae): Airplane	Mexico		1		Tex.
<i>Optomus pulcher</i> Dallas (Pentatomidae): Orchid	do			5	Tex.
<i>Orthezia cataphracta</i> (Shaw) (Coccidae): Calluna vulgaris (heather)	Scotland	1			N. Y.
<i>Oxyctenonia jucunda</i> (Fald.) (Scarabaeidae): Airplane	South Pacific		1		Hawaii.
<i>Ozamia immorella</i> (Dyar) (Phycitidae): Opuntia tuna (cactus)	Mexico	3			Ariz., Tex.
<i>Ozophora concava</i> (Dist.) (Lygaeidae): Orchid	do			1	Tex.
<i>Ozophora consanguineus</i> Dist. (Lygaeidae): Orchid	do			1	Tex.
<i>Ozophora unicolor</i> Uhler (Lygaeidae): Orchid	do			1	Tex.
<i>Pachybrachius consultus</i> (Dallas) (Lygaeidae): Orchid	do			1	Tex.
<i>Pachybrachius hondurana</i> (Bergroth) (Lygaeidae): Airplane	do		1		Tex.

List of pests (insects) collected and reported from July 1, 1946 to June 30, 1947, inclusive—Continued

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Insect and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
<i>Pachybrachius serripes</i> (F.) (Lygaeidae): Orchid	Mexico			1	Tex.
<i>Pachybrachius servillei</i> (G.-M.) (Lygaeidae): Airplane	do		1		Tex.
<i>Pachycoris torridus</i> (Scop.) (Pentatomidae): <i>Musa paradisiaca sapientum</i> (banana)	Guatemala	1			Calif.*
Orchid	Mexico			2	Tex.
<i>Pachygrontha oedancalodes</i> Stal (Lygaeidae): Orchid	do			1	Tex.
<i>Pachymerus olearis</i> Bridwell (Bruchidae): Palm seed	Brazil	1			Calif.*
<i>Pachyzancla bipunctalis</i> (F.) (Pyraustidae): <i>Beta vulgaris cicla</i> (Swiss chard)	Mexico	1			Tex.
<i>Rorippa nasturtium-aquaticum</i> (watercress)	do	1			Tex.
<i>Pachyzancla periualis</i> (Wlk.) (Pyraustidae): <i>Lycopersicon esculentum</i> (tomato)	do	1			Tex.
<i>Solanum melongena</i> (eggplant)	Cuba	1			Fla.*
<i>Pagiocerus frontalis</i> (F.) (Scolytidae): Seed	Peru	1			D. C.
<i>Palaeopus costicollis</i> Marsh. (Curculionidae): <i>Dioscorea</i> sp. (yam)	Jamaica, Trinidad	4	1		Fla.,* N. Y.
<i>Palinaspis barbata</i> Ferris (Coccidae) (tentative determination): <i>Clusia</i> (?) sp.	Venezuela			1	N. J.
<i>Pellantia macula</i> Dallas (Pentatomidae): Orchid	Mexico			1	Tex.
<i>Pantomorus godmani</i> (Cr.) (Curculionidae): Soil around plants	Italy (?)			1	N. Y.
<i>Pantomorus xanthographus</i> (Germ.) (Curculionidae): <i>Vitis</i> sp. (grape)	Argentina	1			N. Y.
<i>Paraleyrodes singularis</i> Bondar (?) (Aleyrodidae): <i>Citrus aurantifolia</i> (sour lime)	Mexico	1			Tex.
<i>Paralldiplosis cattleiae</i> (Moll.) (Itonididae): <i>Cattleya</i> sp. (orchid)	Colombia			2	N. J.
<i>Parlatoria blanchardi</i> (Targ.) (Coccidae): <i>Phoenix dactylifera</i> (date)	Algeria, Tunisia	2			N. Y.
<i>Parlatoria camelliae</i> Comst. (Coccidae): <i>Camellia japonica</i> (camellia)	Soldier's mail			1	N. J.
<i>Parlatoria cinerea</i> Hadden (Coccidae): <i>Citrus aurantifolia</i> (sour lime)	Mexico		2		Calif.*
<i>Citrus limon</i> (lemon)	Trinidad		1		Calif.*
<i>Citrus paradisi</i> (grapefruit)	Brazil		1		Calif.*
<i>Citrus sinensis</i> (orange)	Argentina, Brazil, Trinidad, Ill.	3	8		Calif.,* Fla.,*
<i>Citrus</i> sp.	Brazil	1			Fla.*
<i>Parlatoria crotonis</i> Doug. (Coccidae): <i>Codiaeum</i> sp. (croton)	Cuba, Hawaii, Jamaica	2		1	Calif.,* Fla.*
<i>Parlatoria oleae</i> (Colvee) (Coccidae): <i>Malus sylvestris</i> (apple)	Greece, Italy	1	2		N. Y.
<i>Olea europaea</i> (olive)	Greece	2			N. Y.
<i>Olea</i> sp.	do			1	N. J.
<i>Prunus domestica</i> (plum)	Algeria		1		Tex.
<i>Prunus</i> sp.	Italy			1	N. Y.
<i>Parlatoria pseudaspidotus</i> Ldgr. (Coccidae): <i>Cypripedium simoni</i> (orchid)	Japan			1	Calif.*
<i>Dendrobium sanderianum</i> (orchid)	Philippines			1	Calif.*
Orchid	do	1			Calif.*
<i>Vanda luzonica</i> (orchid)	Japan			2	Calif.*
<i>Vanda teres</i>	Canal Zone, Fiji Islands			3	Calif.,* Tex.
<i>Vanda</i> sp.	Philippines, Trinidad			5	Calif.,* P. R.
<i>Parlatoria theae</i> Ckll. (Coccidae): <i>Acer palmatum</i> (Japanese maple)	Japan			3	N. J.
<i>Acer</i> sp.	do			2	Calif.,* N. J.
<i>Parlatoria zizyphus</i> (Lucas) (Coccidae): <i>Citrus aurantifolia</i> (sour lime)	China		1		Calif.*
<i>Citrus grandis</i> (pummelo)	India		1		Mass.
<i>Citrus limon</i> (lemon)	Italy		2		Calif.,* Fla.*

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Insect and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
<i>Parlatoria zizyphus</i> —Continued					
<i>Citrus paradisi</i> (grapefruit).....	Philippines.....		1		Calif.*
<i>Citrus reticulata</i> (tangerine).....	Algeria, China.....		3		Calif., * Mass.
<i>Citrus sinensis</i> (orange).....	Philippines, Spain, Tunisia.....		3		Calif., * Fla.*
<i>Parozyna sororcula</i> (Wied.) (Tephritidae):					
Cabin of airplane.....	Mexico.....		1		Tex.
<i>Pectinophora gossypiella</i> (Saund.) (Gelechiidae):					
<i>Gossypium</i> sp. (cotton boll).....	China, Hawaii.....	2			Calif.*
<i>Gossypium</i> sp. (cotton: gin motes).....	Brazil.....	2			Tex.
<i>Gossypium</i> sp. (cotton linter).....	do.....	1			Tex.
<i>Gossypium</i> sp. (cottonseed).....	Argentina, Bahamas, Brazil, Colombia, Egypt, Guam, Hawaii, Mexico, Venezuela.....	17	9	3	Calif., * D. C., Fla., * Hawaii, Mo., N. J., N. Y., Tex.
<i>Gossypium</i> sp. (seed cotton).....	Mexico.....	3	4		Tex.
<i>Gossypium</i> sp. (cotton).....	Bahamas.....	1			Fla.*
<i>Hibiscus esculentus</i> (okra).....	American Virgin Islands, Puerto Rico.....	2	1		Ala., Pa., P.R.
<i>Pelomyia coronata</i> Loew (Agromyzidae):					
Airplane.....	South Pacific.....		1		Hawaii.*
<i>Phaedon fuscipes</i> Stal (Chrysomelidae):					
<i>Cattleya</i> sp. (orchid).....	Venezuela.....			1	N. J.
<i>Phalonia zephyrana</i> (Treit.) (Phaloniidae):					
<i>Daucus carota</i> (carrot).....	Italy.....		1		N. Y.
<i>Phatnoma guatemelana</i> Drake (Tingidae):					
<i>Epidendrum cochleatum</i> (orchid).....	Guatemala.....			1	Calif.*
<i>Phelomerus ochropygus</i> Pic (Bruchidae):					
<i>Cassia grandis</i> (pinkshower senna).....	Canal Zone.....			1	Calif.*
<i>Phelypera distigma</i> Boh. (Curculionidae):					
Orchid.....	Mexico.....			3	Tex.
<i>Phenacaspis sandwicensis</i> Fullaway (?) (Coccidae):					
<i>Cocos nucifera</i> (coconut).....	Hawaii.....		5		Calif.*
<i>Phenacaspis whitehillii</i> Hall (Coccidae) (tentative determination):					
<i>Euphorbia</i> sp.....	Union of South Africa.....			1	N. J.
<i>Phenacoccus gossypii</i> Towns. & Ckll. (Coccidae):					
<i>Chrysanthemum</i> sp.....	Bermuda.....		1		N. Y.
<i>Pelargonium</i> sp. (geranium).....	Mexico.....			2	Calif., Tex.
<i>Philophylla heraclei</i> (L.) (Tephritidae):					
<i>Apium graveolens</i> (celery).....	England.....		2		Tex.
<i>Phloeotribus boliviae</i> Blkm. (Scolytidae):					
Wood.....	Ecuador.....		1		Calif.*
<i>Phyllopertha horticola</i> (L.) (Scarabaeidae):					
Soil.....	Sweden.....			1	Va.
<i>Phyllotreta cruciferae</i> (Goeze) (Chrysomelidae):					
<i>Lilium</i> sp. (lily).....	Netherlands.....			1	N. J.
<i>Phyllotreta pusilla</i> Horn (Chrysomelidae):					
<i>Raphanus sativus</i> (radish).....	Mexico.....		1		Tex.
<i>Phymata parva</i> Handl. (Phymatidae):					
<i>Lilium longiflorum</i> (Easter lily).....	do.....		1		Tex.
<i>Phytomyza ilicis</i> (Curt.) (Agromyzidae):					
<i>Ilex</i> sp. (holly).....	British Columbia.....		1		Ky.
<i>Pieris brassicae</i> (L.) (Pieridae):					
<i>Brassica oleracea capitata</i> (cabbage).....	Italy.....		1		Va.
<i>Piezocera serraticollis</i> Linell (Cerambycidae):					
<i>Prosopis</i> sp. (mesquite).....	Mexico.....			1	Tex.
<i>Piezodorus purus</i> (Stal) (Pentatomidae):					
<i>Huernia kirkii</i>	Transvaal.....			1	Calif.*
<i>Pinnaspis buzi</i> Bouche (Coccidae):					
Bromeliad.....	Venezuela.....		2		N. J.
<i>Philodendron</i> sp.....	Hawaii.....		1		Calif.*
<i>Pinnaspis townsendi</i> (Ckll.) (Coccidae):					
<i>Dendrobium</i> sp. (orchid).....	Philippines.....			1	N. J.
<i>Saccolabium giganteum</i> (orchid).....	Costa Rica.....			1	Tex.
<i>Vanda</i> sp. (orchid).....	Philippines.....			1	Calif.*

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<i>Pityogenes chalcographus</i> (L.) (Scolytidae):					
<i>Picea</i> sp. (spruce).....	Sweden.....	2			N. Y.
<i>Pinus</i> sp. (pine).....	Czechoslovakia, France, Netherlands, Sweden.	21			N. Y.
<i>Pityophthorus cribratus</i> Blkm. (Scolytidae):					
Bark.....	Mexico.....	1			Ariz.
<i>Placosternus crinicornis</i> (Chevr.) (Cerambycidae):					
<i>Bulnesia</i> sp. (vera wood).....	Venezuela.....	1			N. Y.
<i>Dalbergia retusa</i> (Panama rosewood).....	Nicaragua.....	1			Calif.*
<i>Placosternus difficilis</i> (Chevr.) (Cerambycidae):					
<i>Lycopersicon esculentum</i> (tomato).....	Mexico.....	3			Tex.
<i>Morus</i> sp. (mulberry).....	Bahamas.....		3		Tex.
<i>Plagioderia bistrispunctatus</i> Duvir (Chrysomelidae):					
Orchid.....	Mexico.....			1	Tex.
<i>Plagioderia semivittata</i> Stal (Chrysomelidae):					
Orchid.....	do.....			2	Tex.
<i>Plagioderia thymaloides</i> Stal (Chrysomelidae):					
<i>Laelia anceps</i> (orchid).....	do.....			1	Tex.
Orchid.....	do.....			25	Tex.
<i>Tillandsia</i> sp.....	do.....			2	Tex.
<i>Plagiometrona diversicollis</i> (Schaef.) (Chrysomelidae):					
<i>Capsicum frutescens</i> (pepper).....	do.....	1			Tex.
Flowers.....	do.....	1			Ariz.
Herb.....	do.....	1			Tex.
<i>Plagiomorpha arizonae</i> (Cr.) (Chrysomelidae):					
Bamboo.....	do.....	1			Ariz.
<i>Platycarenum humilis</i> (H.-S.) (Pentatomidae):					
<i>Catela</i> sp. (orchid).....	Venezuela.....			1	N. J.
<i>Musa paradisiaca sapientum</i> (banana).....	Costa Rica, Guatemala.....	2			Calif.*
<i>Platynota rostrana</i> (Wlk.) (Tortricidae):					
<i>Ananas comosus</i> (pineapple).....	Mexico.....	3			Tex.
<i>Lycopersicon esculentum</i> (tomato).....	do.....	6			Tex.
<i>Platynota stultana</i> (Wlsm.) (Tortricidae):					
<i>Brassica rapa</i> (turnip).....	do.....	1			Tex.
<i>Capsicum frutescens</i> (pepper).....	do.....	174			Ariz., Tex.
<i>Lycopersicon esculentum</i> (tomato).....	do.....	2			Tex.
<i>Punica granatum</i> (pomegranate).....	do.....	1			Ariz.
<i>Raphanus sativus</i> (radish).....	do.....	1			Tex.
<i>Platypus rugulosus</i> Chapuis (Platypodidae):					
<i>Anacardium occidentale</i> ("espavel").....	Costa Rica.....	1			Calif.*
<i>Brosimum alicastrum</i> (ujuxte).....	Guatemala.....	1			Wash.
<i>Brosimum</i> sp. ("ojoche").....	Mexico.....	2			Calif.,* N. Y.
<i>Cedrus</i> sp.....	Costa Rica.....	1			Calif.*
<i>Cyblastax donnell-smithi</i> (primavera).....	Guatemala, Mexico.....	6			Calif.,* N. Y., Oreg.
<i>Enterolobium cyclocarpum</i> ("jenizero").....	Costa Rica, Nicaragua.....	2			Calif.*
Log.....	Nicaragua.....	1			Calif.*
<i>Lycopersicon esculentum</i> (tomato).....	Mexico.....	1			Ariz.
<i>Suaeda mahagoni</i> (mahogany).....	Guatemala.....	2			La.
<i>Viola</i> sp. (banak).....	Dutch Guiana.....	2			Ala., N. Y.
<i>Zanthoxylum flavum</i> ("cedro espino").....	Nicaragua.....	1			Calif.*
<i>Podisus lineolatus</i> (H.-S.) (Pentatomidae):					
Orchid.....	Mexico.....			1	Tex.
<i>Pogonocherus fasciculatus</i> (Deg.) (Cerambycidae):					
<i>Pinus</i> sp. (pine).....	Sweden.....	2			N. Y.
" <i>Poliaspis</i> " <i>pini</i> Mask. (Coccidae):					
<i>Pinus</i> sp.....	Japan.....			3	Calif.,* N. J.
<i>Polychisme ferruginosus</i> (Stal) (Lygaeidae):					
Orchid.....	Mexico.....			2	Tex.
<i>Polychrosis botrana</i> (Schiff.) (Olethreutidae):					
<i>Vitis</i> sp. (grape).....	Italy.....			1	Va.
<i>Polygraphus rufipennis</i> (Kby.) (Scolytidae):					
<i>Pinus</i> sp.....	Canada.....	2			N. Y.
<i>Prays endocarpa</i> (Meyr.) (Hyponomeutidae):					
<i>Citrus sinensis</i> (orange).....	Philippines.....			1	Calif.*
<i>Procyptotermes hubbardi</i> (Banks) (Kalotermitidae):					
<i>Pachycereus</i> sp. (?) (cactus).....	Mexico.....	1			Ariz.

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<i>Prodenia eridania</i> (Cramer) (Phalaenidae):					
<i>Antirrhinum majus</i> (snapdragon)	Bermuda, Cuba	1	1		Fla.,* Mass.
<i>Lycopersicon esulentum</i> (tomato)	Cuba	1			Fla.*
<i>Prodenia litura</i> (F.) (Phalaenidae):					
Airplane	Guam, South Pacific		2		Hawaii.
<i>Prodenia ornithogalli</i> Guen. (Phalaenidae):					
<i>Antirrhinum majus</i> (snapdragon)	Bermuda	1			Mass.
<i>Lilium</i> sp. (lily)	do	1			N. Y.
<i>Lycopersicon esulentum</i> (tomato)	Mexico	5			Tex.
<i>Prostephanus truncatus</i> (Horn) (Bostrichidae):					
<i>Ananas comosus</i> (pineapple)	do	1			Tex.
<i>Camellia</i> spp.	do		1		Calif.*
Orchid	do		1		Tex.
<i>Zea mays</i> (corn)	do	2			Tex.
<i>Protopulvinaria pyriformis</i> Ckll. (Coccidae):					
<i>Gardenia augusta</i> (Cape-jasmine)	Colombia, Costa Rica, Cuba, Guatemala, Panama, Puerto Rico, Venezuela	37	3		Fla.,* La.
Leaf	Puerto Rico	1			Fla.*
<i>Musa paradisiaca sapientum</i> (banana)	do	1			Fla.*
<i>Psidium guajava</i> (guava)	do	3			Fla.*
<i>Sanchezia</i> sp. (?)	Trinidad	1			Fla.*
<i>Protrama radialis</i> (Kalt.) (Aphidae):					
<i>Artemesia</i> sp.	Greece		1		N. Y.
<i>Pselactus spadix</i> (Hbst.) (Curculionidae):					
<i>Populus</i> sp. (poplar)	Italy	1			N. Y.
<i>Pseudonidia clavigera</i> Ckll. (Coccidae):					
<i>Gardenia</i> sp.	Hawaii			1	Calif.*
<i>Hibiscus</i> sp.	do			1	Calif.*
<i>Pseudonidia tessera</i> (de Charmoy) (Coccidae):					
<i>Dombeya natalensis</i>	Puerto Rico		1		N. J.
Herb	Jamaica	1			Fla.*
Orchid	Liberia		1		N. J.
<i>Vanda</i> sp. (orchid)	Trinidad		1		Tex.
<i>Pseudonidia trilobitiformis</i> (Green) (Coccidae):					
<i>Citrus paradisi</i> (grapefruit)	Philippines		1		Calif.*
<i>Citrus</i> sp.	Brazil	1			Fla.*
<i>Mangifera indica</i> (mango)	Philippines	1			Hawaii.
<i>Vitis</i> sp. (grape)	Colombia	1			Fla.*
<i>Pseudischnaspis alienus</i> (Newst.) (Coccidae):					
<i>Cattleya bowringiana</i> (orchid)	Guatemala			2	Calif.*
<i>Cattleya skinneri</i>	Costa Rica, Guatemala, Mexico			14	Calif.,* Tex.
<i>Cattleya</i> sp.	Mexico			3	Tex.
<i>Epidendrum aurantiacum</i> (orchid)	Guatemala			1	Calif.*
<i>Epidendrum ciliare</i>	Canal Zone			1	Calif.*
<i>Epidendrum</i> sp.	Guatemala			1	Tex.
Herb	Mexico	1			Tex.
<i>Laelia anceps</i> (orchid)	do		1		Tex.
<i>Laelia</i> sp.	do		1		Tex.
<i>Maxillaria lutealba</i> (orchid)	do		1		Tex.
Orchid	do		1		Tex.
<i>Pseudischnaspis bowreyi</i> (Ckll.) (Coccidae):					
<i>Agave</i> sp.	Cuba	1			Fla.*
<i>Annona cherimola</i> (cherimoya)	do	1			Fla.*
<i>Bromelia</i> sp.	Brazil		1		N. J.
<i>Euphorbia</i> sp.	Cuba	1			Fla.*
<i>Psidium guajava</i> (guava)	Puerto Rico	3			Fla.*
<i>Pseudischnaspis longissima</i> (Ckll.) (Coccidae):					
<i>Mangifera indica</i> (mango)	Salvador	1			Calif.*
<i>Pseudococcus boninsis</i> (Kuw.) (Coccidae):					
<i>Saccharum officinarum</i> (sugarcane)	Mexico	3			Tex.
<i>Pseudococcus tilacinus</i> Ckll. (Coccidae):					
<i>Annona reticulata</i> (custard apple)	Philippines	1			Hawaii.
<i>Lansium domesticum</i> (langsat)	do	2			Hawaii.
<i>Nephaliun lappaceum</i> (rambutan)	Java		1		Hawaii.
<i>Pseudococcus palmarum</i> (Ehrh.) (Coccidae):					
<i>Cocos nucifera</i> (coconut)	Hawaii, Mexico	3	1		Calif.*

List of pests (insects) collected and reported from July 1, 1946 to June 30, 1947, inclusive—Continued

[An asterisk indicates State inspection]

Insect and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
<i>Pseudococcus pini</i> (Kuw.) (Coccidae):					
Pinus sp. (pine)	Japan			3	Calif.*
<i>Pseudoparlatoria ostreata</i> (Ckll.) (Coccidae):					
Cattleya tueddemanniana (orchid)	Venezuela			1	Calif.*
Cattleya mossiae	do			1	Calif.*
Cattleya percivaliana	do			1	Calif.*
Cutting—unknown	Puerto Rico	1			Fla.*
Cyanocheus sp. (orchid)	Guatemala			1	Calif.*
Epidendrum lindleyanum (orchid)	do			1	Tex.
Oncidium cavendishianum (orchid)	do			1	Calif.*
Oncidium ornithogynchum	do			1	Calif.*
<i>Psila rosae</i> (P.) (Psilidae):					
Apium graveolens (celery)	England, France, Sweden		3		Pa., Tex.
Apium graveolens rapaceum (celeriac)	Denmark, Norway, Sweden		3		Md., Mass.
Daucus carota (carrot)	England, France, Italy, Netherlands, Scotland		13		Md., N. Y., Pa., Tex.
Pastinaca sativa (parsnip)	England, Sweden		3		Md., Pa., Tex.
Soil	England, Netherlands		1	1	N. Y., Pa.
<i>Psychoda severini</i> Town. (Psychodidae):					
Soil	England			1	Ill.
<i>Psylliodes chrysocephala</i> L. (Chrysomelidae):					
Brassica napobrassica (rutabaga)	do		1		Va.
Brassica rapa (turnip)	do		1		Tex.
<i>Pterocyclon vittatum</i> Bldfd. (Scolytidae):					
Quercus sp. (oak)	Costa Rica	1			Calif.*
<i>Pulvinaria floccifera</i> (Westw.) (Coccidae):					
Camellia japonica (camellia)	England			1	N. J.
<i>Pulvinaria psidii</i> Mask. (Coccidae):					
Gardenia augusta (Cape-jasmine)	Mexico, Puerto Rico, Venezuela	4			Fla.,* Tex.
Malvaceae	Bermuda			1	N. J.
Mangifera indica (mango)	Puerto Rico	1			Fla.*
Mentha sp. (mint)	do		1		Fla.*
Psidium guajava (guava)	Puerto Rico, Trinidad	2			Fla.*
<i>Putrinaria urticae</i> Ckll. (Coccidae):					
Bark	Puerto Rico			1	Fla.*
Capsicum frutescens (pepper)	do			1	Fla.*
<i>Pycnarthrum lambotiei</i> (Chap.) (Scolytidae):					
Cybistax donnell-smithi (primavera)	Mexico	1			Calif.*
<i>Pycnoderes quadrimaculatus</i> G. M. (Miridae):					
Brassica chinensis (Chinese cabbage)	do	1			Tex.
Spinacia oleracea (spinach)	do	1			Ariz.
<i>Pyrausta nubilalis</i> (Hbn.) (Pyraustidae):					
Capsicum frutescens (pepper)	Italy		2		Ala., Md.
Sorghum vulgare technicum (broomcorn)	do	17	1		La., N. J., N. Y.
Zea mays (corn)	Philippines		2		Calif.,* Hawaii.
<i>Pyroderces stigmatophora</i> (Wlsm.) (Cosmopterygidae):					
Ananas comosus (pineapple)	Cuba	1			N. Y.
<i>Ramosia tipuliformis</i> (Clerck) (Aegeriidae):					
Ribes sp. (currant)	England			2	N. J.
<i>Renocis mericanus</i> Blkm. (Scolytidae):					
Eysenhardtia sp.	Mexico	1			N. Y.
<i>Rhabdoscelus obscurus</i> (Boisd.) (Curculionidae):					
Saccharum officinarum (sugarcane)	Siapan			1	Wash.
<i>Rhagoletis cerasi</i> (L.) (Tephritidae):					
Prunus sp. (cherry)	Germany, Italy, Portugal	2	1		Md., N. Y., Va.
<i>Rhagoletis completa</i> Cress. (Tephritidae):					
Juglans sp. (walnut)	Mexico	2			Tex.
<i>Rhagoletis pomonella</i> (Walsh) (Tephritidae):					
Malus sylvestris (apple)	Costa Rica, Mexico	19			Tex.

List of pests (insects) collected and reported from July 1, 1946 to June 30, 1947,
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[An asterisk indicates State inspection]

Insect and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
<i>Rhagoletis pomonella</i> (Walsh) (?) (Tephritidae):					
<i>Crataegus</i> sp. (thornapple)	Mexico	1			Tex.
<i>Rhagoletis striatella</i> Wulp (?) (Tephritidae):					
<i>Physalis</i> sp. (husk tomato)	do	1			Tex.
<i>Rhinosisimus planirostris</i> (F.) (Pythidae):					
<i>Fraxinus</i> sp. (ash)	England			1	N. J.
<i>Pinus</i> sp. (pine)	do			1	N. J.
<i>Rhopalophora incrustata</i> Chevr. (Cerambycidae):					
<i>Sambucus</i> sp. (elder)	Mexico	3			N. Y.
Stem	do	1			Calif.
<i>Rhopalosiphoninus latysiphon</i> (David.) (Aphidae):					
<i>Gladiolus</i> sp.	Netherlands			2	N. J., Wash.
<i>Solanum tuberosum</i> (potato)	do		1		Calif.*
<i>Tulipa</i> sp. (tulip)	do			1	N. Y.
<i>Rhopalosiphoninus tulipae</i> (Theob.) (Aphidae):					
<i>Amorphophallus</i> sp.	do			1	N. J.
<i>Gladiolus</i> sp.	England, Netherlands		1	3	N. J., N. Y.
<i>Helleborus</i> sp.	Netherlands			1	N. J.
<i>Iris</i> sp.	do			1	Pa.
<i>Tigridia</i> sp.	do			1	N. J.
<i>Tulipa</i> sp. (tulip)	do	1			N. Y.
<i>Rhynchaenus fagi</i> (L.) (Curculionidae):					
<i>Betula</i> sp. (birch)	Denmark	1			N. Y.
<i>Rhyarochromus acuminatus</i> Dallas (Lygaeidae):					
<i>Malus sylvestris</i> (apple)	Australia	1			N. Y.
<i>Ribus innoxia</i> Hein. (Phycitidae):					
<i>Ananas comosus</i> (pineapple)	Cuba	15			N. Y.
<i>Saccharosydne saccharivora</i> (Westw.) (Delphacidae):					
Airplane	Mexico		1		Tex.
<i>Schizoptera caudata</i> McA. & Mall. (Cryptostemmatidae):					
<i>Ananas comosus</i> (pineapple)	do	1			Tex.
Orchid	do			1	Tex.
<i>Scholastes bimaculatus</i> Hendel (Otitidae):					
Airplane	Johnston Island, South Pacific.		2		Hawaii.
<i>Scobicia chevrieri</i> Villa (Bostrichidae):					
Wood	Morocco	1			N. Y.
<i>Scolopocerus uhleri</i> Dist. (Coreidae):					
Orchid	Mexico			1	Tex.
<i>Selenothrips rubrocinctus</i> (Giard.) (Thripidae):					
Leaf	Cuba	1			Fla.*
<i>Psidium guajava</i> (guava)	Puerto Rico	1			Va.
<i>Serica brunnea</i> (L.) (Scarabaeidae):					
<i>Brassica oleracea capitata</i> (cabbage)	Denmark		1		Tex.
Soil around rhododendron	England			3	N. J., Wash.
<i>Sesamia cretica</i> Led. (Phalaenidae):					
<i>Sorghum vulgare technicum</i> (broomcorn)	Italy	30			La., Mass., N. J., N. Y.
<i>Setomorpha rutella</i> Zell. (Tineidae):					
<i>Allium ascalonicum</i> (shallot)	Trinidad	1			N. Y.
<i>Cattleya</i> sp. (orchid)	Brazil, Colombia, Venezuela.			4	N. J., Tex.
<i>Morus</i> sp. (mulberry)	Bahamas			1	Tex.
<i>Pachyrhizus erosus</i>	Panama	1			Ga.
<i>Petroselinum crispum</i> (parsley)	Mexico	1			Tex.
<i>Saccharum officinarum</i> (sugarcane)	Barbados	1			N. Y.
<i>Sibine stimulea</i> (Clem.) (Limacodidae):					
<i>Musa paradisica sapientum</i> (banana)	Panama	1			Calif.*
<i>Sinorylon anale</i> Lesne (Bostrichidae):					
Wood	India	2			N. Y.
<i>Sinorylon conigerum</i> Gerst. (Bostrichidae):					
Airplane	South Pacific		1		Hawaii.
Used truck	Hawaii	1			Calif.*
<i>Sinorylon serdentatum</i> (Oliv.) (Bostrichidae):					
<i>Nerium</i> sp.	Portugal	2			Va.
<i>Quercus</i> sp. (oak)	do	1			Va.

List of pests (insects) collected and reported from July 1, 1946 to June 30, 1947,
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Insect and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
<i>Sisamnes contractus</i> Dist. (Lygaeidae):					*
<i>Ananas comosus</i> (pineapple)	Mexico	6			Tex.
<i>Sitona lineata</i> (L.) (Curculionidae):					
<i>Crocus</i> sp.	Netherlands			1	Pa.
<i>Hyacinthus</i> sp.	do			1	N. Y.
<i>Mesembryanthemum</i> sp.	Bermuda			1	N. Y.
<i>Sireonotus luteiceps</i> Reuter (Miridae):					
Cactus	Mexico			12	Tex.
<i>Mammillaria pfeifferi</i> (cactus)	do			1	Tex.
<i>Mammillaria rhodantha</i>	do			2	Tex.
<i>Specularius impressithorax</i> (Pic) (Bruchidae):					
<i>Erythrina caffra</i>	Union of South Africa			1	N. J.
<i>Erythrina</i> sp.	Gold Coast			1	N. J.
<i>Sphaeropsis championi</i> Lef. (Chrysomelidae):					
Airplane	Mexico		1		Tex.
<i>Spodoptera mauritia</i> Bdv. (Phalaenidae):					
Airplane	South Pacific			2	Hawaii.
<i>Statira unidentata</i> Champ. (Lagriidae):					
<i>Musa paradisiaca sapientum</i> (banana)	Guatemala	1			Calif.*
<i>Stator sordidus</i> (Horn) (Bruchidae):					
Orchid	Mexico			1	Tex.
<i>Stenoma anonella</i> Sepp. (Stenomidae):					
<i>Annona muricata</i> (sour sop)	Trinidad	1			N. Y.
<i>Annona</i> sp.	Honduras	2			La.
<i>Stenoma catenifer</i> (Wlsm.) (Stenomidae):					
<i>Persea americana</i> (avocado)	Costa Rica, Ecuador, Guatemala, Honduras, Mexico, Panama, Salvador.	26	12		Ala., Calif.,* Fla.,* La., N.Y., Tex.
<i>Stephanoderes buscki</i> Hopk. (?) (Scolytidae):					
<i>Tamarindus indica</i> (tamarind)	Mexico	1			Tex.
<i>Tectona grandis</i> (teak)	Canal Zone			1	N. J.
<i>Stephanoderes hampei</i> (Ferr.) (Scolytidae):					
<i>Coffea</i> sp. (coffee)	Angola, England (?), French West Africa, Portugal, Uganda.	5			N. Y.
<i>Stephanoderes lecontei</i> Hopk. (Scolytidae):					
Orchid	Mexico			1	Tex.
<i>Zea mays</i> (corn)	do	1			Tex.
<i>Stiretrus ruficeps</i> Dallas (Pentatomidae):					
Orchid	do			1	Tex.
<i>Stoeberhinus testaceus</i> (Butler) (Gelechiidae):					
Airplane	Palmyra Island, South Pacific.		2		Hawaii.
<i>Strophosoma melanogramma</i> (Forst.) (Curculionidae):					
<i>Dianthus</i> sp. (carnation)	Sweden			1	N. J.
<i>Strophosoma rufipes</i> Steph. (Curculionidae):					
Moss around azaleas	Belgium			1	N. J.
<i>Rhododendron</i> sp.	Netherlands			1	Wash.
<i>Symphysa reticulatis</i> (Zell.) (Pyraustidae):					
Flowers	Mexico	1			Tex.
<i>Systema frontalis</i> (F.) (Chrysomelidae):					
Airplane	do		2		La., Tex.
<i>Systole geniculata</i> Foerst. (Eurytomidae):					
<i>Coriandrum</i> sp. (coriander)	India	1			N. Y.
<i>Taeniothrips atratus</i> (Hal.) (Thripidae):					
<i>Calluna vulgaris</i> (heather)	England, Scotland	4		1	Ill., N. J., N. Y.
<i>Dianthus</i> sp. (carnation)	France	1			N. Y.
<i>Taeniothrips dianthi</i> Pr. (Thripidae):					
<i>Dianthus</i> sp. (carnation)	do		1		Pa.
<i>Taeniothrips ericae</i> (Hal.) (Thripidae):					
<i>Calluna vulgaris</i> (heather)	England	1			N. Y.
<i>Taeniothrips hawaiiensis</i> Morg. (Thripidae):					
<i>Bougainvillea</i> sp.	Hawaii	1			Calif.*
<i>Canavalia</i> sp.	do	1			Calif.*
<i>Dianthus</i> sp.	do	1			Calif.*
Flower lei—assorted	do	1			Calif.*
<i>Gardenia augusta</i> (Cape-jasmine)	do	1			Calif.*

List of pests (insects) collected and reported from July 1, 1946 to June 30, 1947
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		Consumption	Nonentry	Propagation	
<i>Taeniothrips mexicanus</i> Pr. (?) (Thripidae):					
<i>Lilium</i> sp. (lily)	Guatemala	1			Tex.
<i>Taeniothrips simplex</i> (Morg.) (Thripidae):					
<i>Antirrhinum majus</i> (snapdragon)	Cuba		1		Fla.*
<i>Dianthus</i> sp. (carnation)	Mexico, unknown	3	1		N. Y., Tex.
<i>Gladiolus</i> sp.	Canada, Central America, Cuba, Hawaii, Mexico, Panama, Trinidad.	20	1	8	Calif.,* Fla.,* La., Md., N. Y., Tex.
<i>Iris aurea</i>	Australia		1		Mass.
<i>Lilium longiflorum</i> (Easter lily)	Mexico	1			Tex.
<i>Rosa</i> sp.	Central America	1			La.
<i>Talponia batesi</i> Hein. (Olethreutidae):					
<i>Annona cherimola</i> (cherimoya)	Guatemala, Mexico	2			Tex.
<i>Tanymericus confusus</i> Say (Curculionidae):					
<i>Ananas comosus</i> (pineapple)	Mexico	1			Tex.
<i>Taphropeltus contractus</i> (H.-S.) (Lygaeidae):					
Woods moss packing	Belgium			1	N. J.
" <i>Targionia</i> " <i>bromilae</i> (Leon.) (Coccidae):					
<i>Ananas comosus</i> (pineapple)	Cuba, Mexico	19		1	Fla.,* N. Y., P. R., Tex.
" <i>Targionia</i> " <i>hartii</i> (Ckll.) (Coccidae):					
<i>Dioscorea</i> sp. (yam)	Antigua, Aruba, Costa Rica, Cuba, Grenada, Panama, Trinidad, Virgin Islands, West Indies (?)	9	3		Calif.,* Fla.,* N. Y.
" <i>Targionia</i> " <i>sacchari</i> (Ckll.) (Coccidae):					
Gramineae	South Pacific	1			Calif.*
Herb	Jamaica	1			Fla.*
<i>Saccharum officinarum</i> (sugarcane)	Cuba, Jamaica, Puerto Rico.	9	4		Fla.*
<i>Targionia yuccarum</i> (Ckll.) (Coccidae):					
<i>Yucca</i> sp.	Mexico	1			Tex.
<i>Teleonemia scrupulosa</i> Stal (Tingidae):					
Airplane	Johnston Island, Palmyra Island, South Pacific.		3		Hawaii.
<i>Laelia majalis</i> (orchid)	Mexico			1	Tex.
<i>Tempyra biguttula</i> Stal (Lygaeidae):					
Orchid	do			1	Tex.
<i>Tenthecoris angustimarginatus</i> Hsiao & Sailer (Miridae):					
Orchid	do			6	Tex.
<i>Tenthecoris bicolor</i> Scott (Miridae):					
<i>Cattleya intermedia</i> (orchid)	Brazil			2	N. J.
<i>Cattleya labiata</i>	do			2	N. J.
<i>Cattleya mossiae</i>	Venezuela			1	Calif.*
<i>Cattleya walkeriana</i>	Brazil			1	Calif.*
<i>Cattleya</i> sp.	do			8	N. J., Wash.
<i>Epidendrum atropurpureum</i> (orchid)	Canal Zone			1	Calif.*
<i>Laelia</i> sp. (orchid)	Brazil			1	N. J.
<i>Oncidium</i> sp. (orchid)	do			1	N. J.
Orchid	do			2	Calif.*
<i>Zygopetalum mackayi</i> (orchid)	do			1	Calif.*
<i>Tenthecoris distinguendus</i> Hsiao & Sailer (Miridae):					
<i>Cattleya</i> sp. (orchid)	Venezuela			1	P. R.
<i>Tenthecoris exitiosus</i> (Dist.) (Miridae):					
<i>Cattleya</i> sp. (orchid)	Colombia			2	N. J.
Orchid	do			1	N. J.
<i>Tenthecoris vestitus</i> (Dist.) (Miridae):					
<i>Oncidium</i> sp. (orchid)	Guatemala			1	N. J.
Orchid	do			1	N. J.

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		Consumption	Nonentry	Propagation	
<i>Tethina insularis</i> Ald. (Agromyzidae): Airplane	South Pacific		6		Hawaii.
<i>Tetignia aurita</i> (L.) (Cicadellidae): Vitis sp. (grape)	Italy	1			Tex.
<i>Tetraleurodes acaciae</i> (Q.) (Aleyrodidae): Leaf	Mexico, Salvador	3			Ariz., N. Y., Tex.
<i>Tetraleurodes mori</i> (Q.) (Aleyrodidae): Capsicum frutescens (pepper)	Mexico	1			Ariz.
Citrus sinensis (orange)	do	5			Tex.
Citrus sp.	do	3			Ariz., Tex.
Myrtaceae (?)	do		1		Tex.
Plumeria sp. (?)	do		1		Tex.
Psidium guajava (guava)	do	3			Ariz.
Sapote	do	1			Tex.
<i>Tetrapiocera longicornis</i> (Oliv.) (Bostrichidae): Ceiba sp.	do	1			Tex.
Derris scandens (derris)	do	1			Ariz.
Wood	do	3			Tex.
<i>Tetyra pinguis</i> (Germar) (Pentatomidae): Musa paradisiaca sapientum (banana)	do	1			Calif.*
<i>Texananus vermiculatus</i> DeL. (Cicadellidae): Lycopersicon esculentum (tomato)	do	1			Ariz.
Spinacia oleracea (spinach)	do	2			Ariz.
<i>Thrips angusticeps</i> Uzel (Thripidae): Dianthus sp.	England	1			N. Y.
Malus sylvestris (apple)	Netherlands	1			Calif.*
<i>Thrips fuscipennis</i> Hal. (Thripidae): Calluna vulgaris (heather)	do			1	Wash.
<i>Thrips paludivagus</i> Pr. (Thripidae): Rosa sp.	do	1			N. Y.
<i>Thyanta accerra</i> McA. (Pentatomidae): Chrysanthemum sp.	Mexico	1			Ariz.
<i>Tomopoderus flaviceps</i> Desbr. (Curculionidae): Cymbidium sp. (orchid)	India			1	Calif.*
Orchid	do			1	Calif.*
<i>Trialeurodes vaporariorum</i> (Westw.) (Aleyrodidae): Acanthus eminens	England			1	N. J.
Clematis sp.	do			1	Wash.
Cucurbit	Mexico	1			Ariz.
Leaf	do	1			Calif.*
Stevia rebaudiana	England			1	N. J.
<i>Trichobaris mucorea</i> (Lec.) (Curculionidae): Solanum melongena (eggplant)	Mexico	4			Ariz.
<i>Trionymus peregrinus</i> Green (Coccidae): Haemanthus sp. (bloodlily)	Netherlands			1	N. J.
<i>Trochuda raspa</i> (Druce) (Pericopidae): Plant	Mexico			1	Tex.
<i>Trogoscyon prostomoides</i> Gorh. (Lyctidae): Wooden chair	do	1			Hawaii.
<i>Trupanea abstersa</i> (Loew) (Tephritidae): Airplane	do		1		Tex.
<i>Typhlocyba froggatti</i> Baker (Cicadellidae): Malus sylvestris (apple)	Chile	1			N. Y.
<i>Typha reticulata</i> (F.) (Cicadellidae): Calluna vulgaris (heather)	Scotland	1			N. Y.
<i>Uaspis citri</i> (Comst.) (Coccidae): Citrus paradisi (grapefruit)	Puerto Rico	1			Fla.*
Citrus sinensis (orange)	do	1			Fla.*
<i>Uaspis yanonensis</i> (Kuw.) (Coccidae): Citrus reticulata (tangerine)	Japan			1	Calif.*
<i>Uetheisa ornatrix</i> (L.) (Arctiidae): Ananas comosus (pineapple)	Mexico	2			Tex.
<i>Uatissius distinctus</i> (Dist.) (Lygaeidae): Orchid	do			2	Tex.

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Insect and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
<i>Valtissius diversus</i> (Dist.) (Lygaeidae):					
<i>Ananas comosus</i> (pineapple)	Mexico	1			Tex.
<i>Cattleya skinneri</i> (orchid)	Canal Zone			1	Tex.
<i>Cynoches</i> sp. (orchid)	Guatemala			1	Calif.*
<i>Odontoglossum grande</i> (orchid)	do.			1	Tex.
Orchid	Guatemala, Mexico			4	Tex.
<i>Vanessa cardui</i> (L.) (Nymphalidae):					
Airplane	Mexico		1		Tex.
<i>Vasseletia vasseleti</i> Boh. (Brentidae):					
Wood	do.	1			Ariz.
<i>Vinsonia stelleri</i> (Westw.) (Coccidae):					
<i>Aspasia epidendroides</i> (orchid)	Canal Zone			2	N. J., Tex.
<i>Aspasia</i> sp.	do.			1	Wash.
Bromeliad	Venezuela			1	N. J.
<i>Cattleya</i> sp. (orchid)	Canal Zone			1	N. J.
<i>Citrus</i> sp.	Puerto Rico	1			Fla.*
<i>Epidendrum ciliare</i> (orchid)	Canal Zone			2	N. J.
<i>Gardenia augusta</i> (Cape-jasmine)	Cuba	1			Fla.*
<i>Laelia</i> sp. (orchid)	Mexico			1	Tex.
<i>Musa paradisiaca sapientum</i> (banana)	Puerto Rico	1			Fla.*
Orchid	do.			1	N. J.
<i>Peristeria elata</i> (orchid)	Canal Zone			1	Tex.
<i>Stanhoepa bucephalus</i> (orchid)	do.			2	N. J., Tex.
<i>Stanhoepa</i> sp.	do.			1	N. J.
<i>Vanda</i> sp. (orchid)	Philippines			2	Calif.*
<i>Voria ruralis</i> (Fall.) (Larvaevoridae):					
<i>Lactuca sativa</i> (lettuce)	Mexico	2			Tex.
<i>Xenochalepus omoger</i> (Cr.) (Chrysomelidae):					
Bromeliad	Unknown			1	Tex.
<i>Xestolabus corvinus</i> (Gyll.) (Curculionidae):					
Orchid	Mexico			2	Tex.
<i>Xyleborus confusus</i> Eichh. (Scolytidae):					
<i>Cybtax donnell-smithi</i> (primavera)	do.	1			Calif.*
Log	Guatemala	1			Wash.
<i>Xylion securifer</i> Lesne (Bostrichidae):					
<i>Khaya</i> sp.	Gold Coast	1			N. Y.
<i>Xylobiops parilis</i> Lesne (Bostrichidae):					
<i>Arundo donax</i>	Mexico	1			Ariz.
Bamboo	do.	1			Ariz.
<i>Dalbergia retusa</i> (Panama rosewood)	Nicaragua	1			Calif.*
<i>Hura crepitans</i> (?)	Mexico	1			Calif.*
<i>Sambucus</i> sp.	do.	1			N. Y.
Wood	do.	2			Ariz.
<i>Xylobiops texanus</i> (Horn) (Bostrichidae):					
Airplane	do.		1		Tex.
<i>Lycopersicon esculentum</i> (tomato)	do.	1			Tex.
<i>Mangifera</i> sp. (white mango)	do.		1		Tex.
<i>Xylopertha crinitarsis</i> (Imh.) (Bostrichidae):					
<i>Khaya</i> sp.	Gold Coast	4			Md., N. Y., Va.
<i>Xylothrips flavipes</i> (Ill.) (Bostrichidae):					
<i>Anisoptera thurifera</i> (?)	Philippines	1			Wash.
<i>Zabrotes subfasciatus</i> (Boh.) (Bruchidae):					
Airplane	Mexico		2		Tex.
<i>Ananas comosus</i> (pineapple)	do.	1			Tex.
Bean	Brazil, Mexico, Salvador, Sweden (?)	27	2		Ariz., N. Y., Tex. P. R.,
Blossom	Mexico	1			Tex.
<i>Persea americana</i> (avocado)	do.	1			Tex.
<i>Phaseolus lunatus macrocarpus</i> (lima bean)	Cuba (?)		1		Tex.
<i>Zea mays</i> (corn)	Mexico	1			Tex.
<i>Zygogramma guttulosa</i> (Stal) (Chrysomelidae):					
Orchid	do.			1	Tex.

Hosts and insects

- ACACIA:**
Caryedon fuscus (Coleoptera)
Mimosestes sallaei (Coleoptera)
- ACANTHUS:**
Anaphothrips orchidii (Thysanoptera)
Trialeurodes vaporariorum (Homoptera)
- ACER:**
Parlatoria theae (Homoptera)
- ACHRAS:**
Anastrepha fraterculus (?) (Diptera)
Anastrepha serpentina (Diptera)
Aspidiotus herculeanus (Homoptera)
Aspidiotus spinosus (Homoptera)
Asterolecanium pustulans (Homoptera)
- ACINETA:**
Asterolecanium epidendri (Homoptera)
- AGARICUS:**
Nemapogon granella (Lepidoptera)
- AGAVE:**
Amphicerus cornutus (Coleoptera)
Pseudischnaspis bowreyi (Homoptera)
- ALLIUM ASCALONICUM:**
Setomorpha rutella (Lepidoptera)
- ALLIUM SATIVUM:**
Aceria tulipae (Acarina)
- ALOE:**
"Chionaspis" exalbida (Homoptera)
- ALTHAEA:**
Aleurodicus dugesii (Homoptera)
- ALYXIA:**
Lepidosaphes uniloba (Homoptera)
- AMORPHOPHALLUS:**
Rhopalosiphum tulipaellus (Homoptera)
- ANACARDIUM:**
Platypus rugulosus (Coleoptera)
- ANANAS:**
Alpheias conspirata (Lepidoptera)
Blissus leucopterus insularis (Hemiptera)
Carnecocephala sagittifera (Homoptera)
Conotrachelus leucophaeus (Coleoptera)
Crimelaena incognita (Hemiptera)
Ereunetis flavistriata (Lepidoptera)
Eptochiomera minima (Hemiptera)
Lixus nigrinus (Coleoptera)
Nicobium castaneum hirtum (Coleoptera)
Olibrus submaculatus (Coleoptera)
Platynota rostrana (Lepidoptera)
Prostephanus truncatus (Coleoptera)
Pyroderces stigmatophora (Lepidoptera)
Ribua innozia (Lepidoptera)
Schizoptera caudata (Hemiptera)
Sisamnes contractus (Hemiptera)
Tanymecus confusus (Coleoptera)
"Targionia" bromiliae (Homoptera)
Utetheisa ornatrix (Lepidoptera)
Valtissius diversus (Hemiptera)
Zabrotes subfasciatus (Coleoptera)
- ANEMONE:**
Endrosis lactella (Lepidoptera)
Hofmannophila pseudopretella (Lepidoptera)
Nemapogon granella (Lepidoptera)
- ANISOPTERA:**
Xylothrips flavipes (Coleoptera)
- ANNONA:**
Aspidiotus herculeanus (Homoptera)
Coccotrypes pygmaeus (Coleoptera)
Pseudischnaspis bowreyi (Homoptera)
Pseudococcus lilacinus (Homoptera)
Stenomoma anonella (Lepidoptera)
Talponia batesi (Lepidoptera)
- ANTHURIUM:**
Anaphothrips orchidaceus (Thysanoptera)
Chrysomphalus umboniferus (Homoptera)
Hofmannophila pseudopretella (Lepidoptera)
- ANTIRRHINUM:**
Prodenia eridania (Lepidoptera)
Prodenia ornithogalli (Lepidoptera)
Taeniothrips simplex (Thysanoptera)
- APIUM:**
Euleia heraclei (Diptera)
Philophylla heraclei (Diptera)
Psila rosae (Diptera)
- ARAUCARIA:**
Eriococcus araucariae (Homoptera)
- ARTEMESIA:**
Protrama radialis (Homoptera)
- ARTHROSTYLIDIUM:**
Batyte laevicollis (Coleoptera)
- ARUNDINA:**
Aspidiotus destructor (Homoptera)
- ARUNDINARIA:**
Amphicerus cornutus (Coleoptera)
Eucalandra setulosa (Coleoptera)
- ARUNDO:**
Amphicerus cornutus (Coleoptera)
Xylobiops parilis (Coleoptera)
- ASPASIA:**
Vinsonia stellifera (Homoptera)
- ASTILBE:**
Brachyrhinus sulcatus (Coleoptera)
- BAMBOO:**
Amphicerus cornutus (Coleoptera)
Asterolecanium bambusae (Homoptera)
Cyphosterna bicolor (Coleoptera)
Dinoderus bifoveolatus (Coleoptera)
Dinoderus brevis (Coleoptera)
Eucalandra setulosa (Coleoptera)
Heterobothrychus pileatus (Coleoptera)
Lyctus caribaeus (Coleoptera)
Minthea rugicollis (Coleoptera)
Myelobia smerintha (Lepidoptera)
Odonaspis penicillata (Homoptera)
Plagiomorpha arizoniae (Coleoptera)
Xylobiops parilis (Coleoptera)
- BAUHINIA:**
Caryedon fuscus (Coleoptera)
- BETA VULGARIS:**
Evergestis rimosalis (Lepidoptera)
Nysius minutus (Hemiptera)
- BETA VULGARIS CICLA:**
Draeculacephala minerva (Homoptera)
Evergestis rimosalis (Lepidoptera)
Loxostege similalis (Lepidoptera)
Pachyzancla bipunctalis (Lepidoptera)
- BETA SP.:**
Halotydeus destructor (Acarina)
Iridomyrmex humilis (Hymenoptera)
- BETULA:**
Rhynchaenus fagi (Coleoptera)
- BOUGAINVILLEA:**
Aspidiotus herculeanus (Homoptera)
Asterolecanium pustulans (Homoptera)
Haplothrips gowdeyi (Thysanoptera)
Taeniothrips hawaiiensis (Thysanoptera)
- BRASSAVOLA:**
Furcaspis biformis (Homoptera)
- BRASSICA CHINENSIS:**
Pycnoderes quadrimaculatus (Hemiptera)
- BRASSICA NAPOBRASSICA:**
Psylliodes chrysocephala (Coleoptera)
- BRASSICA OLERACEA ACEPHALA:**
Euxesta annomae (Diptera)
- BRASSICA OLERACEA BOTRYTIS:**
Amathes c-nigrum (Lepidoptera)
Barathra brassicae (Lepidoptera)
Evergestis rimosalis (Lepidoptera)
Hellula phidilealis (Lepidoptera)
- BRASSICA OLERACEA CAPITATA:**
Barathra brassicae (Lepidoptera)
Evergestis forficatis (Lepidoptera)
Evergestis rimosalis (Lepidoptera)
Forficula auricularia (Dermaptera)
Gastrophysa polygoni (Coleoptera)
Hellula phidilealis (Lepidoptera)
Nysius minutus (Hemiptera)
Pieris brassicae (Lepidoptera)
Serica brunnea (Coleoptera)
- BRASSICA RAPA:**
Conotrachelus seniculus (Coleoptera)
Eutettix tenellus (Homoptera)
Evergestis rimosalis (Lepidoptera)
Hellula phidilealis (Lepidoptera)
Lygus oblineatus (Hemiptera)
Nysius minutus (Hemiptera)
Platynota stultana (Lepidoptera)
Psylliodes chrysocephala (Coleoptera)
- BRASSICA SP. (mustard):**
Loxostege similalis (Lepidoptera)
Lygus elisus (Hemiptera)
Lygus oblineatus (Hemiptera)
Nabis alternatus (Hemiptera)
Nysius minutus (Hemiptera)

Hosts and insects—Continued

- BROMELIA:**
Pseudischchnaspis bowreyi (Homoptera)
- BROMELIAD:**
Leucaspis cockerelli (Homoptera)
Pinaspis buzi (Homoptera)
Vinsonia stellifera (Homoptera)
Xenochalepus omoger (Coleoptera)
- BROSIMUM:**
Aegithus melaspis (Coleoptera)
Astyochus setiger (Coleoptera)
Brentus anchorago (Coleoptera)
Platypus rugulosus (Coleoptera)
- BRYOPHYLLUM:**
Aphis medicaginis (Homoptera)
Frankliniella insularis (Thysanoptera)
Haplothrips gowdeyi (Thysanoptera)
- BULNESIA:**
Placosternus crinicornis (Coleoptera)
- CACTUS:**
Caulophilus latinasus (Coleoptera)
Gerstaeckeria mutillaria (Coleoptera)
Homalodisca triquetra (Homoptera)
Lepidosaphes philococcus (Homoptera)
Lygaeus circumlitus (Hemiptera)
Minorista flavidissimilis (Lepidoptera)
Sizeonotus luteiceps (Hemiptera)
- CAESALPINIA:**
Mimosestes dominicanus (Coleoptera)
- CAJANUS:**
Acanthoscelides armitagei (Coleoptera)
Ancylostoma stercorea (Lepidoptera)
Callosobruchus chinensis (Coleoptera)
Callosobruchus maculatus (Coleoptera)
Callosobruchus phaseoli (Coleoptera)
Corcyra cephalonica (Lepidoptera)
Dacus cucurbitae (Diptera)
Maruca testulalis (Lepidoptera)
Neodycotes guianae (Coleoptera)
- CALLUNA:**
Brachyrhinus singularis (Coleoptera)
Forficula auricularia (Dermoptera)
Hofmannophila pseudopretella (Lepidoptera)
Micrelus ericae (Coleoptera)
Orthezia cataphracta (Homoptera)
Taeniothrips atratus (Thysanoptera)
Taeniothrips ericae (Thysanoptera)
Thrips fuscipennis (Thysanoptera)
Ulopa reticulata (Homoptera)
- CALOCARPUM:**
Anastrepha serpentina (Diptera)
- CAMELLIA:**
Parlatoria camelliae (Homoptera)
Prostephanus truncatus (Coleoptera)
Pulvinaria floccifera (Homoptera)
- CANAVALIA:**
Haplothrips gowdeyi (Thysanoptera)
Lampides boeticus (Lepidoptera)
Maruca testulalis (Lepidoptera)
Taeniothrips hawaiiensis (Thysanoptera)
- CAPSCUM:**
Ceratitis capitata (Diptera)
Dacus cucurbitae (Diptera)
Disonycha leptolineata texana (Coleoptera)
Epitrix fasciata (Coleoptera)
Estigmene acrea (Lepidoptera)
Frankliniella vespiformis (Thysanoptera)
Gnorimoschema gudmannella (Lepidoptera)
Ligyrocoris aurivilliana (Hemiptera)
Liriomyza pusilla (Diptera)
Maruca testulalis (Lepidoptera)
Plagiometronia diversicollis (Coleoptera)
Platynota stultana (Lepidoptera)
Pulvinaria urticae (Homoptera)
Pyrausta nubilalis (Lepidoptera)
Tetraleurodes morio (Homoptera)
- CARICA:**
Aonidiella comperei (Homoptera)
Aspidiotus destructor (Homoptera)
Ceratitis capitata (Diptera)
Ereunetes minuscula (Lepidoptera)
- CARYOPHYLLUS:**
Anastrepha mombinpraeoptans (Diptera)
Anastrepha suspensa (Diptera)
- CASIMIROA:**
Anastrepha ludens (Diptera)
- CASSIA:**
Aganactesis indecora (Lepidoptera)
Caryedon fuscus (Coleoptera)
Phelomerus ochropygus (Coleoptera)
- CASTANEA:**
Hemimene juliana (Lepidoptera)
Laspeyresia splendana (Lepidoptera)
- CATTLEYA:**
Acanthognathus lentus (Hymenoptera)
Anaphothrips orchidaceus (Thysanoptera)
Anaphothrips orchidii (Thysanoptera)
Argyripa anomala var. (Coleoptera)
Asterolecanium epidendri (Homoptera)
Chrysomphalus tenax (Homoptera)
Clerada apicornis (Hemiptera)
Conchaspis angraeci (Homoptera)
Cryphula affinis (Hemiptera)
Cryphula apicatus (Hemiptera)
Cryphula fasciatus (Hemiptera)
Dinoderus bifoveolatus (Coleoptera)
Dysides obscurus (Coleoptera)
Eurycippia vestitus (Hemiptera)
Eurytoma orchidearum (Hymenoptera)
Exptochioma minima (Hemiptera)
Fulvius albomaculatus (Hemiptera)
Furcaspis biformis (Homoptera)
Iridomyrmex iniquus (Hymenoptera)
Lygaeus vitticollis (Hemiptera)
Mecolaemus carvalhoi (Hemiptera)
Mimthea rugicollis (Coleoptera)
Mormidea v-luteum (Hemiptera)
Oosternum costatum (Coleoptera)
Parallelodiplosis cattleyae (Diptera)
Phaedon fuscipes (Coleoptera)
Platycarenum humilis (Hemiptera)
Pseudischchnaspis alienus (Homoptera)
Pseudoparlatoria ostreata (Homoptera)
Selomorphia rutella (Lepidoptera)
Tenthoris bicolor (Hemiptera)
Tenthoris distinguendus (Hemiptera)
Tenthoris eritiosus (Hemiptera)
Valtissius diversus (Hemiptera)
Vinsonia stellifera (Homoptera)
- CEDRELA:**
Discoloma pygmaeum (Coleoptera)
- CEDRUS:**
Kaloterms bequaerti (Isoptera)
Platypus rugulosus (Coleoptera)
- CEIBA:**
Dinoderus bifoveolatus (Coleoptera)
Tetrapriocera longicornis (Coleoptera)
- CELOSIA:**
Exptochioma oblonga (Hemiptera)
- CHRYSANTHEMUM:**
Aleurodicus dugesii (Homoptera)
Anuraphis helichrysi (Homoptera)
Cyrtopeltis tenuis (Hemiptera)
Empoasca irrita (Homoptera)
Exptochioma oblonga (Hemiptera)
Phenacoccus gossypii (Homoptera)
Thyanta acerra (Hemiptera)
- CHRYSOPHYLLUM:**
Anastrepha mombinpraeoptans (Diptera)
- CICER:**
Callosobruchus maculatus (Coleoptera)
Caulophilus latinasus (Coleoptera)
- CITRUS AURANTIFOLIUM:**
Aleurocanthus woglumi (Homoptera)
Anastrepha ludens (Diptera)
Chrysomphalus scutiformis (Homoptera)
Coccus viridis (Homoptera)
Lepidosaphes carinata (Homoptera)
Paraleyrodes singularis (?) (Homoptera)
Parlatoria cinerea (Homoptera)
Parlatoria zizyphus (Homoptera)
- CITRUS ANURATIUM:**
Anastrepha ludens (Diptera)
- CITRUS GRANDIS:**
Florinia proboscidea (Homoptera)
Parlatoria zizyphus (Homoptera)
- CITRUS LIMON:**
Aspidiotus excisus (Homoptera)
Aspidiotus palmae (Homoptera)
Leucaspis cockerelli (Homoptera)
Parlatoria cinerea (Homoptera)
Parlatoria zizyphus (Homoptera)

*Hosts and insects—Continued***CITRUS PARADISI:**

Aleurocanthus woglumi (Homoptera)
Aleurothrixus floccosus (Homoptera)
Anastrepha ludens (Diptera)
Aspidiotus tayabanus (Homoptera)
Ceratitis capitata (Diptera)
Coccus viridis (Homoptera)
Dialeurodes citrifolii (Homoptera)
Leucaspis cockerelli (Homoptera)
Parlatoria cinerea (Homoptera)
Parlatoria zizyphus (Homoptera)
Pseudonidia trilobitiformis (Homoptera)
Unaspis citri (Homoptera)

CITRUS RETICULATA:

Ceratitis capitata (Diptera)
Parlatoria zizyphus (Homoptera)
Unaspis yanonensis (Homoptera)

CITRUS SINENSIS:

Aleurocanthus woglumi (Homoptera)
Anastrepha fraterculus (Diptera)
Anastrepha ludens (Diptera)
Anastrepha serpentina (?) (Diptera)
Ceratitis capitata (Diptera)
Chrysomphalus personatus (Homoptera)
Dialeurodes citri (Homoptera)
Dialeurodes citrifolii (Homoptera)
Gymnandrosoma aurantianum (Lepidoptera)
Myelois venipars (Lepidoptera)
Parlatoria cinerea (Homoptera)
Parlatoria zizyphus (Homoptera)
Prays endocarpa (Lepidoptera)
Tetraleurodes mori (Homoptera)
Unaspis citri (Homoptera)

CITRUS SP.:

Aleurocanthus woglumi (Homoptera)
Aleurothrixus floccosus (Homoptera)
Ceroplastes sinensis (Homoptera)
Coccus viridis (Homoptera)
Dialeurodes citrifolii (Homoptera)
Parlatoria cinerea (Homoptera)
Pseudonidia trilobitiformis (Homoptera)
Tetraleurodes mori (Homoptera)
Vinsonia stellifera (Homoptera)

CLEMATIS:

Trialeurodes vaporariorum (Homoptera)

CLUSIA (?)

Palinaspis barba (Homoptera) (tentative determination)

COCOS:

Aspidiotus coryphae (Homoptera)
Aspidiotus destructor (Homoptera)
Aspidiotus palmae (Homoptera)
Aspidiotus pinosus (Homoptera)
Chrysomphalus albopictus (Homoptera)
Ereunetis flavistriata (Lepidoptera)
Furcaspis oceanica (Homoptera)
Lepidosaphes mcgregori (Homoptera)
Phenacaspis sandwicensis (Homoptera)
Pseudococcus palmarum (Homoptera)

CODIAEUM:

Coccus viridis (Homoptera)
Icerya seychellarum (Homoptera)
Lepidosaphes tokionis (Homoptera)
Parlatoria crotonis (Homoptera)

COFFEA:

Anastrepha fraterculus (?) (Diptera)
Ceratitis capitata (Diptera)
Coccus viridis (Homoptera)
Stephanoderes hampei (Coleoptera)

COLCHICUM:

Hofmannophila pseudospretella (Lepidoptera)

CORDIA:

Desmiphora hirticollis (Coleoptera)

CORIANDRUM:

Callosobruchus maculatus (Coleoptera)
Systole geniculata (Hymenoptera)

CRATAEGUS:

Rhagoletis pomonella (?) (Diptera)

CROCUS:

Sitona lineata (Coleoptera)

CUCUMIS:

Dacus cucurbitae (Diptera)
Diaphania nitidalis (Lepidoptera)

CUCURBIT:

Trialeurodes vaporariorum (Homoptera)

CUCURBITA:

Dacus cucurbitae (Diptera)
Diaphania hyalinata (Lepidoptera)
Diaphania nitidalis (Lepidoptera)
Estigmene acrea (Lepidoptera)

CYBISTAX:

Brentus anchorago (Coleoptera)
Brentus mexicanus (Coleoptera)
Coelosternus conspuratus (Coleoptera)
Hypsipyla grandella (Lepidoptera)
Mimosestes dominicanus (Coleoptera)
Platypus rugulosus (Coleoptera)
Pycnanthrum lambottei (Coleoptera)
Xyleborus confusus (Coleoptera)

CYCNOCHES:

Anaphothrips orchidaceus (Thysanoptera)
Pseudoparlatoria ostreata (Homoptera)
Valtissius diversus (Hemiptera)

CYDONIA:

Anastrepha ludens (Diptera)
Grapholitha packardii (Lepidoptera)
Myelois ceratoniae (Lepidoptera)

CYMBIDIUM:

Lepidosaphes tuberculata (Homoptera)
Tomapoderus flaviceps (Coleoptera)

CYPRIPEDIUM:

Coccus capparidis (Homoptera)
Parlatoria pseudaspidiotus (Homoptera)

DAHLIA:

Dahlbruchus sharpianus (Coleoptera)
Hofmannophila pseudospretella (Lepidoptera)

DALBERGIA:

Nasutitermes tipuanicus (Isoptera)
Placosternus crinicornis (Coleoptera)
Xylobius parilis (Coleoptera)

DAPHNE:

Hoplandrothrips ellisi (Thysanoptera)

DAUCUS:

Phalonia zephyrana (Lepidoptera)
Psila rosae (Diptera)

DELONIX:

Aspidiotus destructor (Homoptera)

DENDROBIUM:

Chrysomphalus nulliporus (Homoptera)
Parlatoria pseudaspidiotus (Homoptera)
Pinnaspis townsendi (Homoptera)

DENDROCALAMUS:

Asterolecanium bambusae (Homoptera)

DERRIS:

Tetrapiocera longicornis (Coleoptera)

DIANTHUS:

Frankliniella minuta (Thysanoptera)
Haplothrips cottei (Thysanoptera)
Strophosoma melanogramma (Coleoptera)
Taeniothrips atratus (Thysanoptera)
Taeniothrips dianthi (Thysanoptera)
Taeniothrips hawaiiensis (Thysanoptera)
Taeniothrips simplex (Thysanoptera)
Thrips angusticeps (Thysanoptera)

DIOSCOREA:

Caulophilus latinasus (Coleoptera)
Cylas formicarius elegantulus (Coleoptera)
Palaeopus costicollis (Coleoptera)
"Targionia" hartii (Homoptera)

DIOSPYROS:

Ceratitis capitata (Diptera)

DOLICHOS:

Callosobruchus maculatus (Coleoptera)
Callosobruchus phaseoli (Coleoptera)

DOMBEYA:

Asterolecanium pustulans (Homoptera)
Pseudonidia tesserata (Homoptera)

ENTEROLOBIUM:

Platypus rugulosus (Coleoptera)

EPIDENDRUM:

Agromyza virens (Diptera)
Anaphothrips orchidaceus (Thysanoptera)
Asterolecanium epidendri (Homoptera)
Chrysomphalus umboniferus (Homoptera)
Furcaspis bifurmis (Homoptera)
Phatnoma guatemelana (Hemiptera)
Pseudischaspis alienus (Homoptera)
Pseudoparlatoria ostreata (Homoptera)
Tenthecoris bicolor (Hemiptera)
Vinsonia stellifera (Homoptera)

Hosts and insects—Continued

EPIGAEA:

Brachyrhinus sulcatus (Coleoptera)

ERYTHRINA:

Specularius impressithorax (Coleoptera)

EUPHORBIA:

Aspidiotus destructor (Homoptera)

Phenacaspis whitehillii (Homoptera) (tentative determination)

Pseudischaspis bowreyi (Homoptera)

EYSENHARDTIA:

Renocis mexicanus (Coleoptera)

FICUS:

Ceratilis capitata (Diptera)

Ceroplastes floridensis (Homoptera)

Ceroplastes ruscii (Homoptera)

Gynaikothrips ficorum (Thysanoptera)

FRAXINUS:

Leperisinus frazini (Coleoptera)

Rhinosisplanus planirostris (Coleoptera)

FREESIA:

Forficula auricularia (Dermaptera)

GAILLARDIA:

Aphis medicaginis (Homoptera)

GARDENIA:

Aleurothrixus myrtacei (Homoptera)

Aphis medicaginis (Homoptera)

Ceroplastes floridensis (Homoptera)

Coccus viridis (Homoptera)

Eucalymnatus tessellatus (Homoptera)

Frankliniella cephalica (Thysanoptera)

Haplothrips gowdeyi (Thysanoptera)

Protopulvinaria pyrififormis (Homoptera)

Pseudosamidia clavigera (Homoptera)

Pulvinaria psidii (Homoptera)

Taeniothrips hawaiiensis (Thysanoptera)

Vinsonia stellifera (Homoptera)

GLADIOLUS:

Ceratocapsus punctulatus (Hemiptera)

Excitarius obscurinervis (Homoptera)

Fernaldella fimetaria (Lepidoptera)

Rhopalosiphoninus latysiphon (Homoptera)

Rhopalosiphoninus tulipaellus (Homoptera)

Taeniothrips simplex (Thysanoptera)

GONGORA:

Asterolecanium epidendri (Homoptera)

GOSSYPIUM:

Corecya cephalonica (Lepidoptera)

Minthea rugicollis (Coleoptera)

Pectinophora gossypiella (Lepidoptera)

GRAMINEAE:

Antonina graminis (Homoptera)

"*Targionia*" *sacchari* (Homoptera)

GUAJACUM:

Neotermes castaneus (Isoptera)

HAEMANTHUS:

Trionymus peregrinus (Homoptera)

HEDERA:

Chrysomphalus prospisus (Homoptera)

HELLEBORUS:

Rhopalosiphoninus tulipaellus (Homoptera)

HEVEA:

Dysdercus mimus (Hemiptera)

HIBISCUS:

Crociosema plebeiana (Lepidoptera)

Pectinophora gossypiella (Lepidoptera)

Pseudosamidia clavigera (Homoptera)

HUERNIA:

Piezodorus purus (Hemiptera)

HURA:

Xylobiops parilis (Coleoptera)

HYACINTHUS:

Endrosia lactella (Lepidoptera)

Forficula auricularia (Dermaptera)

Hofmannophila pseudospretella (Lepidoptera)

Sitona lineata (Coleoptera)

ILEX:

Aspidiotus britannicus (Homoptera)

Phytomyza ilicis (Diptera)

IPOMOEA:

Cylas femoralis (Coleoptera)

Cylas formicarius var. (Coleoptera)

Cylas formicarius elegantulus (Coleoptera)

Cylas formicarius turcipennis (Coleoptera)

Euscepes postfasciatus (Coleoptera)

IRIS:

Forficula auricularia (Dermaptera)

IRIS—Continued

Hofmannophila pseudospretella (Lepidoptera)

Rhopalosiphoninus tulipaellus (Homoptera)

Taeniothrips simplex (Thysanoptera)

JASMINUM:

Aonidiella citrina (Homoptera)

Aspidiotus coursetiae (Homoptera)

Coccus viridis (Homoptera)

JUGLANS:

Rhagoletis completa (Diptera)

JUNIPERUS:

Lepidosaphes pallida (Homoptera)

KHAYA:

Apate monachus (Coleoptera)

Cadrema pallida (Diptera)

Cordylomera spinicornis (Coleoptera)

Xylion securifer (Coleoptera)

Xylopertha crinitarsis (Coleoptera)

LABURNUM:

Chaetocnema concinna (Coleoptera)

LACTUCA:

Aceratagallia gillettei (Homoptera)

Draeculacephala minerva (Homoptera)

Dysdercus mimulus (Hemiptera)

Heliodines bella (Lepidoptera)

Loxostege similalis (Lepidoptera)

Lygus oblineatus (Hemiptera)

Nysius minutus (Hemiptera)

Voria ruralis (Diptera)

LAELIA:

Anaphothrips orchidaceus (Thysanoptera)

Asterolecanium epidendri (Homoptera)

Capaneus tetricus (Hemiptera)

Chrysomphalus umboniferus (Homoptera)

Chrysomphalus nigropunctatus (Homoptera)

Coccus pseudohesperidum (Homoptera)

Crophius costatus (Hemiptera)

Diorymerellus laevimargo (Coleoptera)

Eurycypitia vestitus (Hemiptera)

Explotchiomera minima (Hemiptera)

Furcaspis bififormis (Homoptera)

Lygaeus circumplicatus (Hemiptera)

Lygaeus vittiscutis (Hemiptera)

Maemates ruficornis (Coleoptera)

Plagioderma thymaloides (Coleoptera)

Pseudischaspis alienus (Homoptera)

Teleonemia scrupulosa (Hemiptera)

Tenthecoris bicolor (Hemiptera)

Vinsonia stellifera (Homoptera)

LANSIUM:

Pseudococcus lilacinus (Homoptera)

LATHYRUS:

Bruchus guttalis (Coleoptera)

Bruchus lentis (Coleoptera)

Bruchus tristis (Coleoptera)

Callosobruchus maculatus (Coleoptera)

Haplothrips gowdeyi (Thysanoptera)

LENS:

Bruchus lentis (Coleoptera)

Callosobruchus maculatus (Coleoptera)

LEUCADENDRON:

Chionaspis leucadendri (Homoptera)

LIGUSTRUM:

Dialeurodes citri (Homoptera)

LILIUM:

Amorbia emigratella (Lepidoptera)

Crioceris lili (Coleoptera)

Epilachna varivestis (Coleoptera)

Euxesta stigmatias (Diptera)

Liothrips vameckei (Thysanoptera)

Phyllotreta cruciferae (Coleoptera)

Phymata parva (Hemiptera)

Prodenia ornithogalli (Homoptera)

Taeniothrips mexicanus (?) (Thysanoptera)

Taeniothrips simplex (Thysanoptera)

LOCKHARTIA:

Conchaspis angraci (Homoptera)

LYPINUS:

Hofmannophila pseudospretella (Lepidoptera)

LYCOPERSICON:

Amorbia emigratella (Lepidoptera)

Amphicerus cornutus (Coleoptera)

Arvelius albopunctatus (Hemiptera)

Ceratilis capitata (Diptera)

Ceratocapsus punctulatus (Hemiptera)

Cyrtopeltis varians (Hemiptera)

Hosts and insects—Continued

LYCOPERSICON—Continued

- Dacus cucurbitae* (Diptera)
Dysdercus mimulus (Hemiptera)
Erpochioma minima (Hemiptera)
Frankliniella sulphurea (Thysanoptera)
Gnorimoschema gudmannella (Lepidoptera)
Heliodines bella (Lepidoptera)
Ischnodemus umbratus (Hemiptera)
Ligyrocoris abdominalis (Hemiptera)
Ligyrocoris aurivilliana (Hemiptera)
Lineodes integra (Lepidoptera)
Lygaeus anais (Hemiptera)
Neoleucinodes elegantalis (Lepidoptera)
Pachyzancia periusalis (Lepidoptera)
Placosternus difficilis (Coleoptera)
Platynota rostrana (Lepidoptera)
Platynota stultana (Lepidoptera)
Platyptus rugulosus (Coleoptera)
Prodenia eridania (Lepidoptera)
Prodenia ornithogalli (Lepidoptera)
Tetrananus vermiculatus (Homoptera)
Xylobiops texanus (Coleoptera)

MALUS:

- Anastrepha ludens* (Diptera)
Argyresthia conjugella (Lepidoptera)
Blasotadna hellerella (Lepidoptera)
Ceratitis capitata (Diptera)
Epidiaspis piricola (Homoptera)
Exitianus obscurinervis (Homoptera)
Hylastes ater (Coleoptera)
Iridomyrmex humilis (Hymenoptera)
Parlatoria oleae (Homoptera)
Rhagoletis pomonella (Diptera)
Rhyarochromus acuminatus (Hemiptera)
Thrips angusticeps (Thysanoptera)
Typhlocyba froggatti (Homoptera)

MALVACEAE:

- Pulvinaria psidii* (Homoptera)

MAMMEA:

- Anastrepha serpentina* (Diptera)
Aspidiotus herculeanus (Homoptera)
Aspidiotus spinosus (Homoptera)
Inglisia vitrea (Homoptera)

MAMMILLARIA:

- Eurypedus nigrosignatus* (Coleoptera)
Sizeonotus luteiceps (Hemiptera)

MANGIFERA:

- Aleurocanthus woglumi* (Homoptera)
Anastrepha ludens (Diptera)
Anastrepha mombinpraeoptans (Diptera)
Aonidiella inornata (Homoptera)
Aspidiotus destructor (Homoptera)
Aspidiotus spinosus (Homoptera)
Asterolecanium pustulans (Homoptera)
Aulacaspis mangiferae (Homoptera)
Ceratitis capitata (Diptera)
Cryptorhynchus mangiferae (Coleoptera)
Leucaspis indica (Homoptera)
Pseudonidia trilobitiformis (Homoptera)
Pseudoschnaspis longissima (Homoptera)
Pulvinaria psidii (Homoptera)
Xylobiops texanus (Coleoptera)

MATHIOLA:

- Aceratagallia sordida* (Homoptera)
Crophius scabrosus (Hemiptera)
Nysius minutus (Hemiptera)

MAXILLARIA:

- Pseudoschnaspis alienus* (Homoptera)

MEDICAGO:

- Leptotes marina* (Lepidoptera)

MENTHA:

- Draeculacephala minerva* (Homoptera)
Pulvinaria psidii (Homoptera)

MEROSTACHYS:

- Amplicerus cornutus* (Coleoptera)
Eucalandra setulosa (Coleoptera)

MESEMBRYANTHEMUM:

- Haplothrips gowdeyi* (Thysanoptera)
Sitona lineata (Coleoptera)

MESPIUS:

- Ceratitis capitata* (Diptera)

MISTLETOE:

- Ceroplastes cirripediformis* (Homoptera)

MOMORDICA:

- Dacus cucurbitae* (Diptera)

MORUS:

- Heterotermes tenuis* (Isoptera)
Hypothenemus rufopalliat (Coleoptera)
Leptostylus incrassatus (Coleoptera)
Ligyris cuniculus (Coleoptera)
Placosternus difficilis (Coleoptera)
Setomorpha rutella (Lepidoptera)

MURRAYA:

- Coccus viridis* (Homoptera)

MUSA:

- Aspidiotus destructor* (Homoptera)
Aspidiotus palmarum (Homoptera)
Capaneus odiosus (Hemiptera)
Chrysomphalus albopictus (Homoptera)
Chrysomphalus scutiformis (Homoptera)
Chrysomphalus umboniferus (Homoptera)
Coptocycla sordida (Coleoptera)
Macrocephalus notatus (Hemiptera)
Metamasius sericeus (Coleoptera)
Metamasius sericeus, approaching *hemipterus* (Coleoptera)

- Nasutitermes cornigera* (Isoptera)
Ogdocoeca catenulata (Coleoptera)
Oncopeltus cingulifer (Hemiptera)
Pachycoris torridus (Hemiptera)
Platycarenum humilis (Hemiptera)
Protopulvinaria pyriformis (Homoptera)
Sibine stimulea (Lepidoptera)
Statira unidentata (Coleoptera)
Tetyra pinguis (Hemiptera)
Vinsonia stellifera (Homoptera)

MUSCARI:

- Endorhis lactella* (Lepidoptera)
Erosoma lusitanica (Coleoptera)

MYRISTIC:

- Lophocarenum pusillus* (Coleoptera)

NARCISSUS:

- Lampetia equestris* (Diptera)

NEOGLAZIOVIA:

- Dinoderus bifoveolatus* (Coleoptera)

NEPHELIUM:

- Pseudococcus lilacinus* (Homoptera)

NERIUM:

- Aphis nerii* (Homoptera)
Aspidiotus herculeanus (Homoptera)
Morganella longispina (Homoptera)
Sinoryton sedentatum (Coleoptera)

ODONTIODA:

- Anaphothrips orchidaceus* (Thysanoptera)

ODONTOGLOSSUM:

- Adetus subellipticus* (Coleoptera)
Anaphothrips orchidaceus (Thysanoptera)
Eurycypitia vestitus (Hemiptera)
Erpochioma minima (Hemiptera)
Oosternum costatum (Coleoptera)
Valtissius diversus (Hemiptera)

OLEA:

- Dacus oleae* (Diptera)
Leucaspis riccae (Homoptera)
Parlatoria oleae (Homoptera)

ONICIDIUM:

- Asterolecanium epidendri* (Homoptera)
Chrysomphalus tenax (Homoptera)
Chrysomphalus umboniferus (Homoptera)
Cryphula apicatus (Hemiptera)
Furcaspis bifurmis (Homoptera)
Iridomyrmex iniquus (Hymenoptera)
Lepidosaphes carinata (Homoptera)
Pseudoparlatoria ostreata (Homoptera)
Tenthecoris bicolor (Hemiptera)
Tenthecoris vestitus (Hemiptera)

OPUNTIA:

- Ozamia immorella* (Lepidoptera)

ORCHID:

- Acroleucus vicinalis* (Hemiptera)
Amyssonotum rastratum flexum (Hemiptera)
Anaphothrips orchidaceus (Thysanoptera)
Anomis editrix (Lepidoptera)
Anthonomus abolineatus (Coleoptera)
Asphaera reichei (Coleoptera)
Aspidiotus herculeanus (Homoptera)
Asterolecanium epidendri (Homoptera)
Calligrapha argus (Coleoptera)
Calligrapha diversa (Coleoptera)
Calligrapha limbaticollis (Coleoptera)

Hosts and insects—Continued

ORCHID—Continued.

Calligrapha pantherina (Coleoptera)
Camirus conicus (Hemiptera)
Camirus socius (Hemiptera)
Capaneus tetricus (Hemiptera)
Caulophilus latinasus (Coleoptera)
Ceratocombus areolatus (Hemiptera)
Ceroplastes floridensis (Homoptera)
Chrysomphalus nigropunctatus (Homoptera)
Chrysomphalus nulliporus (Homoptera)
Chrysomphalus umboniferus (Homoptera)
Cleogonus rubetra (Coleoptera)
Cligenes delineata (Hemiptera)
Codatractus melon arizonensis (Lepidoptera)
Conchaspis angraeci (Homoptera)
Conotrachelus naso (Coleoptera)
Crophius costatus (Hemiptera)
Crophius scabrosus (Hemiptera)
Cryphula apicatus (Hemiptera)
Deloyala guttata var. (Coleoptera)
Diorymerellus laeimarigo (Coleoptera)
Disonycha dorsata (Coleoptera)
Disonycha glabrata (Coleoptera)
Disonycha politula (Coleoptera)
Dyscinetus picipes (Coleoptera)
Epilachna varivestis (Coleoptera)
Eurycipitia vestitus (Hemiptera)
Eurytoma orchidearum (Hymenoptera)
Erptochiamera minima (Hemiptera)
Furcaspis biformis (Homoptera)
Galgupha magna (Hemiptera)
Galgupha punctifer (Hemiptera)
Galgupha texana (Hemiptera)
Glyptina nivalis (Coleoptera)
Helipus caecus (Coleoptera)
Hilpinus punctatoscabratus (Coleoptera)
Ischyryus frontalis (Coleoptera)
Ischyryus proximus (Coleoptera)
Lepidosaphes tuberculata (Homoptera)
Ligyrocoris aurivilliana (Hemiptera)
Lygaeus circumplicatus (Hemiptera)
Lygaeus pallescens (Hemiptera)
Lygaeus vittiscutis (Hemiptera)
Macrocephalus stali (Hemiptera)
Maemactes ruficornis (Coleoptera)
Malachius rufipes (Coleoptera)
Monanthia monotropidia (Hemiptera)
Mormidea collaris (Hemiptera)
Mormidea notulata (Hemiptera)
Mormidea v-luteum (Hemiptera)
Myodocha longicollis (Hemiptera)
Nasutitermes cornigera (Isoptera)
Neocatantus vegetus (Hemiptera)
Nicentrus testaceipes (Coleoptera)
Nysius basalis (Hemiptera)
Nysius calliger (Hemiptera)
Ogdoecosta biannularis (Coleoptera)
Ogdoecosta catenulata (Coleoptera)
Oplomus pulcher (Hemiptera)
Ozophora concava (Hemiptera)
Ozophora consanguineus (Hemiptera)
Ozophora unicolor (Hemiptera)
Pachybrachius consultus (Hemiptera)
Pachybrachius serripes (Hemiptera)
Pachycoris torridus (Hemiptera)
Pachygrontha oedanealodes (Hemiptera)
Pallantia macula (Hemiptera)
Parlatoria pseudaspidiolus (Homoptera)
Phelypera distigma (Coleoptera)
Plagiodera bistripunctatus (Coleoptera)
Plagiodera semibittata (Coleoptera)
Plagiodera thymaloides (Coleoptera)
Podiosus lineolatus (Hemiptera)
Polychisme ferruginosus (Hemiptera)
Prostephanus truncatus (Coleoptera)
Pseudomida tessellata (Homoptera)
Pseudischmiaspis aliena (Homoptera)
Schizoptera caudata (Hemiptera)
Scolopocerus uhleri (Hemiptera)
Stator sordidus (Coleoptera)
Stephanoderes lecontei (Coleoptera)
Stiretrus ruficeps (Hemiptera)
Tempyra biguttula (Hemiptera)
Tenthecoris angustimarginalis (Hemiptera)
Tenthecoris bicolor (Hemiptera)
Tenthecoris exilis (Hemiptera)

ORCHID—Continued

Tenthecoris vestitus (Hemiptera)
Tomopoderus flaviceps (Coleoptera)
Valtissius distinctus (Hemiptera)
Valtissius diversus (Hemiptera)
Vinsonia stellifera (Homoptera)
Xestolabus corvinus (Coleoptera)
Zygogramma guttulosa (Coleoptera)
 ORNITHOGALUM:
Haplothrips nigricornis (Thysanoptera)
 ORYZA:
Chilo simplex (Lepidoptera)
Gnaphalocrocis medialis (Lepidoptera)
Lophocateres pusillus (Coleoptera)
 PACHYCEREUS:
Lepidosaphes philococcus (Homoptera)
Procryptotermes hubbardi (Isoptera)
 PACHYRHIZUS:
Setomorphia rutella (Lepidoptera)
 PALM:
Pachymerus olearis (Coleoptera)
 PAPHIOPEIDILUM:
Anaphothrips orchidaceus (Thysanoptera)
Asterolecanium epidendri (Homoptera)
 PARMENTIERA:
Bonchis munitalis (Lepidoptera)
 PASSIFLORA:
Frankliniella insularis (Thysanoptera)
 PASTINACA:
Psila rosae (Diptera)
 PELARGONIUM:
Phenacoccus gossypii (Homoptera)
 PERISTERIA:
Conchaspis angraeci (Homoptera)
Vinsonia stellifera (Homoptera)
 PERSEA:
Anastrepha ludens (Diptera)
Aspidiotus spinosus (Homoptera)
Caulophilus latinasus (Coleoptera)
Chrysomphalus albopictus (Homoptera)
Conotrachelus aguacatae (Coleoptera)
Conotrachelus perseae (Coleoptera)
Stenomoma catenifer (Lepidoptera)
Zabrotes subfasciatus (Coleoptera)
 PETROCOPTIS:
Hofmannophila pseudospretella (Lepidoptera)
 PETROSELINUM:
Draeculacephala minerva (Homoptera)
Setomorphia rutella (Lepidoptera)
 PHASEOLUS:
Agromyza virens (Diptera)
Apion godmani (Coleoptera)
Callosobruchus chinensis (Coleoptera)
Callosobruchus maculatus (Coleoptera)
Coryca cephalonica (Lepidoptera)
Cyrtopeltis varians (Hemiptera)
Dacus cucurbitae (Diptera)
Epilachna varivestis (Coleoptera)
Epinotia opposita (Lepidoptera)
Everes comyntas (Lepidoptera)
Fundella pellucens (Lepidoptera)
Laspeyresia leguminis (Lepidoptera)
Lorostege similalis (Lepidoptera)
Maruca testulalis (Lepidoptera)
Nysius minutus (Hemiptera)
Zabrotes subfasciatus (Coleoptera)
 PHILODENDRON:
Chrysomphalus tenax (Homoptera)
Lepidosaphes carinata (Homoptera)
Pinnaspis buxi (Homoptera)
 PHOENIX:
Ceratitis capitata (Diptera)
Coccotrypes dactylipera (Coleoptera)
Myelois ceratoniae (Lepidoptera)
Parlatoria blanchardi (Homoptera)
 PHRAGMITES:
Allantus cinctus (Hymenoptera)
Cnemopogon apicalis (Diptera)
 PHYSALIS:
Chaetopsis fulvifrons (Diptera)
Epitrix cucumeris (Coleoptera)
Epitrix hirtipennis (Coleoptera)
Gnorimoschema gudmanella (Lepidoptera)
Gnorimoschema lavernella (Lepidoptera)
Heliothis subflexa (Lepidoptera)
Rhagoletis striatella (?) (Diptera)

Hosts and insects—Continued

- PICEA:**
Ernobius abietis (Coleoptera)
Laspeyresia strobilella (Lepidoptera)
Pityogenes chalcographus (Coleoptera)
- PINUS:**
Aspidiotus apachea (Homoptera)
Aspidiotus corticis-pini (Homoptera)
Blastophagus piniperda (Coleoptera)
Dryocoetes autographus (Coleoptera)
Ernobius abietis (Coleoptera)
Hofmannophila pseudospretella (Lepidoptera)
Hylurgops palliatus (Coleoptera)
Ips acuminatus (Coleoptera)
Ips borealis (?) (Coleoptera)
Ips typographus (Coleoptera)
Leucaspis pusilla (Homoptera)
Nicobium castaneum (Coleoptera)
Pityogenes chalcographus (Coleoptera)
Pogonocherus fasciculatus (Coleoptera)
"Poliaspis" pini (Homoptera)
Polygraphus rufipennis (Coleoptera)
Pseudococcus pini (Homoptera)
Rhinosisimus planirostris (Coleoptera)
- PISUM:**
Callosobruchus chinensis (Coleoptera)
Laspeyresia nigricana (?) (Lepidoptera)
Neodryocoetes guianae (Coleoptera)
- POLIANTHES:**
Frankliniella bratleyi (Thysanoptera)
- POPULUS:**
Pselactus spadix (Coleoptera)
- PORTULACA:**
Callosobruchus maculatus (Coleoptera)
Celerio lineata (Lepidoptera)
Heliodines bella (Lepidoptera)
Loxostege similalis (Lepidoptera)
Nysius minutus (Hemiptera)
- PROSOPIS:**
Algarobius prosopis (Coleoptera)
Laspeyresia membra (?) (Lepidoptera)
Mimosestes sallaei (Coleoptera)
Opatulena duodecimstriata (Lepidoptera)
Piezocera serraticollis (Coleoptera)
- PROTEA:**
Iridomyrmex humilis (Hymenoptera)
- PRUNUS AMYGDALUS:**
Aspidiotus destructor (Homoptera)
- PRUNUS DOMESTICA:**
Ceratitis capitata (Diptera)
Parlatoria oleae (Homoptera)
- PRUNUS PERSICA:**
Anastrepha fraterculus (Diptera)
Anastrepha ludens (Diptera)
Ceratitis capitata (Diptera)
- PRUNUS SP. (cherry):**
Rhagoletis cerasi (Diptera)
- PRUNUS SP.:**
Parlatoria oleae (Homoptera)
- PSIDIUM:**
Anastrepha mombinpraeoptans (Diptera)
Anastrepha striata (Diptera)
Anastrepha suspensa (Diptera)
Aspidiotus destructor (Homoptera)
Ceratitis capitata (Diptera)
Coccus viridis (Homoptera)
Icerya seychellarum (Homoptera)
Lechriops psidii (Coleoptera)
Lepidosaphes rubrovittatus (Homoptera)
Protopulvinaria pyriformis (Homoptera)
Pseudischnaspis bowreyi (Homoptera)
Pulvinaria psidii (Homoptera)
Selenothrips rubrocinctus (Thysanoptera)
Tetraleurodes mori (Homoptera)
- PUNICA:**
Anastrepha ludens (Diptera)
Ceratitis capitata (Diptera)
Cryptoblabes gnidiella (Lepidoptera)
Platyhota stultana (Lepidoptera)
- PUSCHKINIA:**
Forficula auricularia (Dermaptera)
- PYRUS:**
Anastrepha ludens (Diptera)
Ceratitis capitata (Diptera)
Ceroplastes floridensis (Homoptera)
- QUERCUS:**
Callirhytis sonoreae (Hymenoptera)
Conotrachelus integer (Coleoptera)
Curculio q-griseae (Coleoptera)
Pterocyclon vittatum (Coleoptera)
Sinocylon serdentatum (Coleoptera)
- RAPHANUS:**
Ascia monuste (Lepidoptera)
Ligyrocoris auriwilliana (Hemiptera)
Loxostege obliteralis (Lepidoptera)
Lygus elisus (Hemiptera)
Lygus oblineatus (Hemiptera)
Nabis alternatus (Hemiptera)
Nysius minutus (Hemiptera)
Phyllotreta pusilla (Coleoptera)
Platynota stultana (Lepidoptera)
- RHODODENDRON:**
Dialeurodes chittendeni (Homoptera)
Endrosia lactella (Lepidoptera)
Gracilaria azaleella (Lepidoptera)
Haplothrips aculeatus (Thysanoptera)
Strophosoma rufipes (Coleoptera)
- RIBES:**
Ramosia tipuliformis (Lepidoptera)
- RODRIGUEZIA:**
Furcaspis biformis (Homoptera)
- RORIPPA:**
Draeculacephala minerva (Homoptera)
Evergestis rimosalis (Lepidoptera)
Franklinothrips vespiformis (Thysanoptera)
Heliodines bella (Lepidoptera)
Nysius minutus (Hemiptera)
Pachyzancla bipunctalis (Lepidoptera)
- ROSA:**
Allantus cinctus (Hymenoptera)
Aspidiotus destructor (Homoptera)
Chaetopsis fulvifrons (Diptera)
Faulla brunneipennis (Coleoptera)
Franklinothrips vespiformis (Thysanoptera)
Macroctonus sericinus (Coleoptera)
Nabis dentipes (Hemiptera)
Taeniothrips simplex (Thysanoptera)
Thrips paludivagus (Thysanoptera)
- ROSMARINUS:**
Ceroplastes cirripediformis (Homoptera)
- SACCHARUM:**
Diatraea magnifactella (Lepidoptera)
Diatraea saccharalis (Lepidoptera)
Pseudococcus boninensis (Homoptera)
Rhabdoscelus obscurus (Coleoptera)
Setomorpha rutella (Lepidoptera)
Targionia sacchari (Homoptera)
- SACCOLABIUM:**
Pinnaspis townsendi (Homoptera)
- SALVIA:**
Corimelaena incognita (Hemiptera)
- SAMANEA:**
Anypsispila univittella (Lepidoptera)
- SAMBUCUS:**
Micrapate labialis (Coleoptera)
Rhopalophora incrustata (Coleoptera)
Xylobius parilis (Coleoptera)
- SANCHEZIA:**
Protopulvinaria pyriformis (Homoptera)
- SAPINDUS:**
Cercyia cephalonica (Lepidoptera)
- SAPOTE:**
Amorbia emigratella (Lepidoptera)
Anastrepha ludens (Diptera)
Tetraleurodes mori (Homoptera)
- SAXIFRAGA:**
Forficula auricularia (Dermaptera)
- SCHOMBURGKIA:**
Chrysomphalus umboniferus (Homoptera)
- SEBASTIANIA:**
Grapholitha saltitans (Lepidoptera)
- SECHUIM:**
Diaphania hyalinata (Lepidoptera)
Diaphania nitidalis (Lepidoptera)
- SERJANIA:**
Dinoderus bifoveolatus (Coleoptera)
- SOIL:**
Brachyrrhinus ovatus (Coleoptera)
Erannis aurantharia (Lepidoptera)
Erannis marginaria (Lepidoptera)
Pantomorus godmani (Coleoptera)

Hosts and insects—Continued

SOIL—Continued

- Phyllopertha horticola* (Coleoptera)
- Psila rosae* (Diptera)
- Psychoda severini* (Diptera)
- Serica brunnea* (Coleoptera)

SOLANUM MELONGENA:

- Neoleucinodes elegantalis* (Lepidoptera)
- Pachyzancla periusalis* (Lepidoptera)
- Trichobaris mucorea* (Coleoptera)

SOLANUM MURICATUM:

- Gnorimoschema plaesiosema* (Lepidoptera)

SOLANUM TUBEROSUM:

- Epicaerus cognatus* (Coleoptera)
- Hofmannophila pseudospretella* (Lepidoptera)
- Rhopalosiphoninus latysiphon* (Homoptera)

SORGHUM:

- Conotrachelus seniculus* (Coleoptera)
- Coryca cephalonica* (Lepidoptera)
- Diatraea saccharalis* (Lepidoptera)
- Pyrausta nubilalis* (Lepidoptera)
- Sesamia cretica* (Lepidoptera)

SPATHODEA:

- Frankliniella insularis* (Thysanoptera)

SPINACIA:

- Aceratagallia gillettei* (Homoptera)
- Chaetopsis fulvifrons* (Diptera)
- Conotrachelus seniculus* (Coleoptera)
- Draeculacephala minerva* (Homoptera)
- Nysius minutus* (Hemiptera)
- Pycnoderes quadrimaculatus* (Hemiptera)
- Terananus vermiculatus* (Homoptera)

SPONDIAS:

- Anastrepha mombinpraepitans* (Diptera)
- Aspidiotus diffinis* (Homoptera)
- Aspidiotus herculeanus* (Homoptera)
- Chrysomphalus calurus* (Homoptera)

STANHOPEA:

- Aspidiotus palmae* (Homoptera)
- Brachysphaenus delineatus* (Coleoptera)
- Vinsonia stellifera* (Homoptera)

STEVIA:

- Trialeurodes vaporariorum* (Homoptera)

SWIETENIA:

- Aegithus melaspis* (Coleoptera)
- Platypus rugulosus* (Coleoptera)

TAMARINDUS:

- Asterolecanium pustulans* (Homoptera)
- Caryedon fuscus* (Coleoptera)
- Myelois ceratoniae* (Lepidoptera)
- Stephanoderes buscki* (?) (Coleoptera)

TAMARIX:

- Ceroplastes sinensis* (Homoptera)

TAXUS:

- Lepidosaphes pallida* (Homoptera)

TECTONIA:

- Stephanoderes buscki* (Coleoptera)

TERMINALIA:

- Anastrepha suspensa* (Diptera)
- Ceratitis capitata* (Diptera)

THEOBROMA:

- Coryca cephalonica* (Lepidoptera)

TIGRIDIA:

- Rhopalosiphoninus tulipaellus* (Homoptera)

TILLANDSIA:

- Blissus leucopterus insularis* (Hemiptera)
- Monilema opuntiae* (Coleoptera)
- Plagiodera thymaloides* (Coleoptera)

TRICHOPIA:

- Aspidiotus spinosus* (Homoptera)
- Chrysomphalus tenax* (Homoptera)

TRIFOLIUM:

- Bruchidius trifolii* (Coleoptera)

TRITICUM:

- Caulophilus latinasus* (Coleoptera)

TULIPA:

- Endrosia lactella* (Lepidoptera)
- Hofmannophila pseudospretella* (Lepidoptera)
- Rhopalosiphoninus latysiphon* (Homoptera)
- Rhopalosiphoninus tulipaellus* (Homoptera)

VANDA:

- Furcaspis biformis* (Homoptera)
- Heterotermes tenuis* (Isoptera)
- Leucaspis cockerelli* (Homoptera)
- Parlatoria pseudaspidiotus* (Homoptera)
- Pinnaspis townsendi* (Homoptera)
- Pseudonidia tesserata* (Homoptera)
- Vinsonia stellifera* (Homoptera)

VANILLA:

- Chrysomphalus umboniferus* (Homoptera)

VICIA:

- Apion ochropus* (Coleoptera)
- Apion pomonae* (Coleoptera)
- Bruchidius incarnatus* (Coleoptera)
- Bruchus brachialis* (Coleoptera)
- Bruchus dentipes* (Coleoptera)
- Bruchus luteicornis* (Coleoptera)
- Bruchus rufipes* (Coleoptera)
- Bruchus tristis* (Coleoptera)

VIGNA:

- Callosobruchus chinensis* (Coleoptera)
- Callosobruchus maculatus* (Coleoptera)

VIOLA:

- Platypus rugulosus* (Coleoptera)

VITIS:

- Agasicles connera* (Coleoptera)
- Ceratitis capitata* (Diptera)
- Chelymophora crucifera* (Coleoptera)
- Megalometis chilensis* (Coleoptera)
- Panomorbus xanthographus* (Coleoptera)
- Polychrosis bohrana* (Lepidoptera)
- Pseudonidia trilobitiformis* (Homoptera)
- Tetigonia aurita* (Homoptera)

YUCCA:

- Targionia yuccarum* (Homoptera)

ZANTHOXYLUM:

- Platypus rugulosus* (Coleoptera)

ZEA:

- Callosobruchus maculatus* (Coleoptera)
- Chaetopsis fulvifrons* (Diptera)
- Chilo simplex* (Lepidoptera)
- Diatraea saccharalis* (Lepidoptera)
- Eumecosomyia nubil* (Diptera)
- Euxesta stigmatis* (Diptera)
- Exptochiomeria minima* (Hemiptera)
- Lophocateres pusillus* (Coleoptera)
- Moodna bisinuella* (Lepidoptera)
- Prostephanus truncatus* (Coleoptera)
- Pyrausta nubilalis* (Lepidoptera)
- Stephanoderes lecontei* (Coleoptera)
- Zabrotes subfasciatus* (Coleoptera)

ZINGIBER:

- Caulophilus latinasus* (Coleoptera)

ZIZYPHUS:

- Morganella longispina* (Homoptera)

ZYGOPETALUM:

- Anaphothrips orchidaceus* (Thysanoptera)
- Eurycptia vestitus* (Hemiptera)
- Tenthoris bicolor* (Hemiptera)

Hosts unknown

AIRPLANE:

- Amphicerus cornutus* (Coleoptera)
- Anacamptodes fragilaria* (Lepidoptera)
- Andrector salvi* (Coleoptera)
- Bulia mexicana* (Lepidoptera)
- Cadrema pallida* (Diptera)
- Cadrema pallida bilineata* (Diptera)
- Ceresium unicolor* (Coleoptera)
- Cyrtorhinus rivei* (Hemiptera)
- Euaresta bella* (Diptera)

AIRPLANE—Continued

- Exptochiomeria minima* (Hemiptera)
- Gnathamitermes perplexus* (Isoptera)
- Hyalopeplus pellucidus* (Hemiptera)
- Hymenia recurvalis* (Lepidoptera)
- Jadera sanguinolenta* (Hemiptera)
- Laphygma exempta* (Lepidoptera)
- Leopus cinereus* (Coleoptera)
- Leptoglossus australis* (Hemiptera)
- Lygus oblineatus* (Hemiptera)

Hosts unknown—Continued

AIRPLANE—Continued

Mesovelia orientalis (Hemiptera)
Milichiella lactipennis (Diptera)
Nephotettix bipunctatus (Homoptera)
Nysius blackburni (Hemiptera)
Nysius coenosulus (Hemiptera)
Nysius dallasi (Hemiptera)
Nysius delectus (Hemiptera)
Nysius minutus (Hemiptera)
Opistheura latipennis (Hemiptera)
Oryctonia jucunda (Coleoptera)
Pachybrachius hondurana (Hemiptera)
Pachybrachius serillei (Hemiptera)
Parozyna sororcula (Diptera)
Pelomyia coronata (Diptera)
Prodenia litura (Lepidoptera)
Saccharosydne saccharivora (Homoptera)
Scholastes bimaculatus (Diptera)
Sinoxylon conigerum (Coleoptera)
Sphaeropsis championi (Coleoptera)
Spodoptera mauritia (Lepidoptera)
Stoeberhinus testaceus (Lepidoptera)
Systema frontalis (Coleoptera)
Teleonemia scrupulosa (Hemiptera)
Tethina insularis (Diptera)
Trupanea abstersa (Diptera)
Vanessa cardui (Lepidoptera)
Xylobiops texanus (Coleoptera)
Zabrotes subfasciatus (Coleoptera)

BAGGAGE:

Disonycha pluriligata (Coleoptera)

BEAN:

Callosobruchus chinensis (Coleoptera)
Callosobruchus maculatus (Coleoptera)
Hofmannophila pseudospretella (Lepidoptera)
Maruca testulalis (Lepidoptera)
Zabrotes subfasciatus (Coleoptera)

BLOSSOM:

Zabrotes subfasciatus (Coleoptera)

BULB:

Forficula auricularia (Dermaptera)
Hofmannophila pseudospretella (Lepidoptera)

CANE STALK:

Olibrus submarginatus (Coleoptera)

CUTTING:

Pseudoparlatoria ostreata (Homoptera)

FLOWERS:

Forficula auricularia (Dermaptera)
Haplothrips gowdeyi (Thysanoptera)
Plagiometriona diversicollis (Coleoptera)
Symphysa reniculalis (Lepidoptera)
Taeniothrips hawaiiensis (Thysanoptera)

FRUIT:

Anastrepha mombinpraeoptans (Diptera)

GRAIN:

Coreyra cephalonica (Lepidoptera)

HERB:

Aleurothrixus myrtacei (Homoptera)
Coccus viridis (Homoptera)
Iridomyrmex humilis (Hymenoptera)
Plagiometriona diversicollis (Coleoptera)
Pseudoanidia tesserata (Homoptera)
Pseudischnaspis alienus (Homoptera)
Targionia sacchari (Homoptera)

LEAF:

Aleurothrixus floccosus (Homoptera)
Anomala orientalis (Coleoptera)
Coccus mangiferae (Homoptera)
Dicyphus pallidicornis (Hemiptera)
Hofmannophila pseudospretella (Lepidoptera)
Leptinotarsa undecimlineata (Coleoptera)
Protopulvinaria pyriformis (Homoptera)
Selenothrips rubrocinctus (Thysanoptera)
Tetraleurodes acaciae (Homoptera)
Tetraleurodes mori (Homoptera)
Trialeurodes vaporariorum (Homoptera)

NOVELTIES

Adelphocoris lineolatus (Hemiptera)

PACKING:

Forficula auricularia (Dermaptera)
Heterogaster urticae (Hemiptera)
Hofmannophila pseudospretella (Lepidoptera)
Strophosoma rufipes (Coleoptera)

PLANT:

Amphicerus cornutus (Coleoptera)
Trochuda raspa (Lepidoptera)

RAILWAY CAR:

Anastrepha ludens (Diptera)
Epicaerus cognatus (Coleoptera)

SEED:

Pagiocerus frontalis (Coleoptera)

TRUCK:

Sinoxylon conigerum (Coleoptera)

WEEDS AND SORGHUM:

Loxostege helvialis (Lepidoptera)

WOOD:

Amphicerus cornutus (Coleoptera)
Brentus anchorago (Coleoptera)
Callidium rufipenne (Coleoptera)
Callosobruchus chinensis (Coleoptera)
Coptotermes formosanus (Isoptera)
Cryptotermes dudleyi (Isoptera)
Dinoderus bifoveolatus (Coleoptera)
Erannis leucophaeria (Lepidoptera)
Fulvius albomaculatus (Hemiptera)
Heterobostrychus aequalis (Coleoptera)
Ips interstitialis (Coleoptera)
Leperistinus frazini (Coleoptera)
Micrapate labialis (Coleoptera)
Minthea rugicollis (Coleoptera)
Nasutitermes luzonicus (Isoptera)
Nemocephalus guatemalensis (Coleoptera)
Neoclytus caccius (Coleoptera)
Phloeotribus boliviana (Coleoptera)
Pityophthorus crabratus (Coleoptera)
Platypus rugulosus (Coleoptera)
Pulvinaria urticae (Homoptera)
Rhopalophora incrustata (Coleoptera)
Scobicia chevrieri (Coleoptera)
Sinoxylon anale (Coleoptera)
Taphropeltus contractus (Hemiptera)
Tetrapriocera longicornis (Coleoptera)
Trogosyloides prostomoides (Coleoptera)
Vasseletia vasseleti (Coleoptera)
Xylehorus confusus (Coleoptera)
Xylobiops parilis (Coleoptera)

Countries of origin and insects

ALGERIA:

Ceratitis capitata
Coccotrypes dactyliperda
Myelois ceratoniae
Parlatoria blanchardi
Parlatoria oleae
Parlatoria zizyphus

AMERICAN VIRGIN ISLANDS:

Cylas formicarius elegantulus
Diatraea saccharalis
Pectinophora gossypiella

ANGOLA:

Stephanoderes hampei

ANTIGUA:

"*Targionia*" *hartii*

ARGENTINA:

Agasicles conneza
Ceratitis capitata

ARGENTINA—Continued

Chelymophora crucifera
Chrysomphalus personatus
Diaphania nitidalis
Diatraea saccharalis
Pantomorus xanthographus
Parlatoria cinerea
Pectinophora gossypiella

ARUBA:

"*Targionia*" *hartii*

AUSTRALIA:

Cryptorhynchus mangiferae
Hylastes ater
Laphygma exempta
Lepidosaphes tuberculata
Rhyparochromus acuminatus
Sternonchus mangiferae
Taeniothrips simplex

Countries of origin and insects—Continued

AUSTRIA:

Bruchidius trifolii
Laspeyresia splendana
Nemapogon granella

BAHAMAS:

Ancylostoma stercora
Aphis nerii
Asterolecanium bambusae
Asterolecanium pustulans
Callosobruchus maculatus
Diatraea saccharalis
Heteroermes tenuis
Hypothenemus rufopalliatu
Leptostylus incrassatus
Ligyris ciniculus
Morganella longispina
Pectinophora gossypiella
Placosternus difficilis
Setomorpha rutella

BARBADOS:

Setomorpha rutella

BELGIUM:

Anaphothrips orchidaceus
Gracilaria azalella
Haplothrips aculeatus
Laspeyresia splendana
Lepidosaphes tuberculata
Strophosoma rufipes
Taphropeltus contractus

BERMUDA:

Aphis medicaginis
Ceratitis capitata
Ceroplastes cirripediformis
Ceroplastes sinensis
Crociosema plebeiana
Frankliniella insularis
Haplothrips gowdeyi
Kaloterms bequaerti
Morganella lonispina
Phenacoccus gossypii
Prodenia ornithogalli
Publinaria psidii
Sitona lineata

BRAZIL:

Aleurothrixus floccosus
Anaphothrips orchidaceus
Asterolecanium epidendri
Ceratitis capitata
Coccus pseudohesperidum
Coccus viridis
Conchaspis angraeci
Diaphania nitidalis
Dinoderus bifoveolatus
Eurycippia vestitus
Eurytoma orchidearum
Euscepes postfasciatus
Furcaspis bifomis
Gnorimoschema gudmannella
Gymnandrosoma aurantianum
Lepidosaphes tuberculata
Mormidea v-luteum
Nasutitermes tipuanicus
Neoleucinodes elegantalis
Pachymerus olearis
Parlatoria cinerea
Pectinophora gossypiella
Pseudonidia trilobitiformis
Pseudischnaspis boureyi
Setomorpha rutella
Tenthecoris bicolor
Zabrotes subfasciatus

BRITISH COLUMBIA:

Phytomyza ilicis

BRITISH GUIANA:

Acanthoscelides armitagei
Aleurothrixus myrtacei
Ancylostoma stercora
Aspidiotus destructor
Callosobruchus chinensis
Callosobruchus maculatus
Neodryocetes guianae

BRITISH HONDURAS:

Anastrepha ludens (?)
Anastrepha mombinpraeoptans

BRITISH WEST AFRICA:

Cordylomera spinicornis

CANADA:

Brachyrhinus ovatus
Brachyrhinus sulcatus
Ips borealis (?)
Polygraphus rufipennis
Taeniothrips simplex

CANAL ZONE:

Acanthoscelides armitagei
Ancylostoma stercora
Anastrepha mombinpraeoptans
Aspidiotus destructor
Aspidiotus herculeanus
Aspidiotus palmarum
Asterolecanium epidendri
Brachysphaenus delineatus
Ceroplastes floridensis
Chrysomphalus tenax
Chrysomphalus umboniferus
Coccus viridis
Conchaspis angraeci
Coreya cephalonica
Euptochioma minima
Furcaspis bifomis
Gynaikothrips ficorum
Heteroermes tenuis
Leucaspis cockerelli
Parlatoria pseudaspidiotus
Phelomerus ochropygus
Pseudischnaspis alienus
Stephanoderes buscki
Tenthecoris bicolor
Vallissius diversus
Vinsonia stellifera

CANTON ISLAND:

Nephotettix bipunctatus

CENTRAL AMERICA:

Anastrepha mombinpraeoptans
Taeniothrips simplex

CHILE:

Gnorimoschema plaeiosema
Megalometis chiliensis
Typhlocyba froggatti

CHINA:

Callosobruchus chinensis
Cadrema pallida
Cadrema pallida bilineata
Chilo simplex
Cylas formicarius var.
Gnaphalocrocis medinalis
Lepidosaphes tuberculata
Mintea rugicollis
Parlatoria zizyphus
Pectinophora gossypiella

CHRISTMAS ISLAND:

Cadrema pallida bilineata
Nysius delectus

COLOMBIA:

Anastrepha fraterculus
Anastrepha serpentina (?)
Ceroplastes floridensis
Chrysomphalus tenax
Coccus viridis
Cryphula affinis
Cryphula fasciatus
Cryptotermes dudleyi
Discoloma pygmaeum
Dysides obscurus
Eurytoma orchidearum
Furcaspis bifomis
Iridomyrmex iniquus
Mimosestes dominicanus
Mintea rugicollis
Parallelodiplosis cattleyae
Pectinophora gossypiella
Protopulvinaria pygmaeum
Pseudonidia trilobitiformis
Setomorpha rutella
Tenthecoris exilis

COSTA RICA:

Anaphothrips orchidaceus
Anastrepha mombinpraeoptans
Aspidiotus destructor
Aspidiotus palmarum
Asterolecanium epidendri

"Countries of origin and insects"—Continued

COSTA RICA—Continued.

Brentus anchorago
Caulophilus latinasus
Ceroptastes floridensis
Chrysomphalus umboniferus
Coccus viridis
Dinoderus bifoveolatus
Furcaspis biformis
Metamasius sericeus
Neoclytus cacticus
Pinnaspis townsendi
Platycarenum humilis
Platypus rugulosus
Protopulvinaria pyriformis
Pseudischnaspis alienus
Pterocyclon vittatum
Rhagoletis pomonella
Stenoma catenifer
 "Targionia" hartii

CUBA:

Aleurocanthus woglumi
Anastrepha mombinpraeoptans
Anastrepha suspensa
Aspidiotus destructor
Aspidiotus herculeanus
Aspidiotus spinosus
Asterolecanium bambusae
Asterolecanium pustulans
Coccus viridis
Crociosema plebeiana
Cylas formicarius elegantulus
Desmiphora hirticollis
Dialeurodes citri
Dialeurodes citrifolii
Diaphania hyalinata
Diaphania nitidalis
Ereumetis minuscula
Euscepes postfasciatus
Evergestis rimosalis
Frankliniella bratleyi
Hellula phidilealis
Leptinotarsa undecimlineata
Leucaspis indica
Maruca testulalis
Myelois ceratoniae
Pachyzancia periusalis
Parlatoria crotonis
Prodenia eridania
Protopulvinaria pyriformis
Pseudischnaspis boureyi
Pyroderces stigmatophora
Ribua innoxia
Selenothrips rubrocinctus
Taeniothrips simplex
 "Targionia" bromiliae
 "Targionia" hartii
 "Targionia" sacchari
Vinsonia stellifera

CURACAO:

Aspidiotus destructor
Cylas formicarius elegantulus
Lophocateres pusillus

CZECHOSLOVAKIA:

Blastodacna hellerella
Bruchidius trifolii
Hylurgops palliatus
Laspeyresia strobilifera
Pityogenes chalcographus

DENMARK:

Barathra brassicae
Evergestis forficatis
Forficula auricularia
Ips acuminatus
Psila rosae
Rhynchaenus fagi
Serica brunnea

DOMINICAN REPUBLIC:

Anastrepha mombinpraeoptans
Anastrepha suspensa
Ancylostoma stercora
Aspidiotus spionus
Coccotrypes pygmaeus
Cylas formicarius elegantulus
Dialeurodes citrifolii
Inglisia vitrea

DOMINICAN REPUBLIC—Continued.

Mimosestes dominicanus
Neotermes castaneus

DUTCH GUIANA:

Dinoderus bifoveolatus
Platypus rugulosus

EAST AFRICA:

Lepidosaphes tokionis

ECUADOR:

Anastrepha serpentina
Gymnandrosoma aurantianum
Lophocateres pusillus
Metamasius sericeus, approaching *hemipterus*
Phloeotribus boliviae
Stenoma catenifer

EGYPT:

Bruchidius incarnatus
Bruchus lentis
Ceratitidis capitata
Pectinophora gossypiella

ENGLAND:

Anaphothrips orchidaceus
Anaphothrips orchidii
Anuraphis helichrysi
Aspidiotus britannicus
Caryedon fuscus
Dialeurodes chittendeni
Endrostis lactella
Erannus aurantiaria
Erannus leucophaeria
Erannus marginaria
Forficula auricularia
Hofmannophila pseudospretella
Laspeyresia nigricana (?)
Leperisimus frazini
Lepidosaphes tuberculata
Philophylla heraclei
Psila rosae
Psychoda severini
Psylliodes chrysocephala
Pulvinaria floccifera
Ramosia tipuliformis
Rhinosisimus planirostris
Rhopalosiphoninus tulipaeillus
Serica brunnea
Taeniothrips atratus
Taeniothrips ericae
Thrips angusticeps
Trialeurodes vaporariorum

FIJI ISLANDS:

Leucaspis cockerelli
Parlatoria pseudaspidiotus

FINLAND:

Argyresthia conjugella

FRANCE:

Apion ochropus
Barathra brassicae
Bruchidius trifolii
Bruchus guttalis
Bruchus lentis
Bruchus luteicornis
Crioceris lili
Epidiaspis priccola
Euleia heraclei
Evergestis forficatis
Hofmannophila pseudospretella
Lampetia equestris
Laspeyresia splendana
Liothrips vaneeckei
Pityogenes chalcographus
Psila rosae
Taeniothrips atratus
Taeniothrips dianthi

GERMANY:

Adelphocoris lineolatus
Rhagoletis cerasi

GOLD COAST:

Apate monachus
Cadrema pallida
Cordylomera spinicornis
Cylas femoralis
Maruca testulalis
Specularius impressithorax
Xylom securifer
Xylopertha crinitarsis

Countries of origin and insects—Continued

GREECE:

Blastodacna hellerella
Callosobruchus maculatus
Ceratitis capitata
Laspeyresia splendana
Leucaspis pusilla
Leucaspis riccae
Myelois ceratoniae
Nicobium castaneum
Parlatoria oleae
Protrama radialis

GRENADA:

Lophocateres pusillus
 "Targionia" hartii

GUAM:

Pectinophora gossypiella
Prodenia litura

GUATEMALA:

Adetus subellipticus
Anaphothrips orchidaceus
Anastrepha ludens
Anastrepha mombinpraeoptans
Argyripa anomala var.
Aspidiotus destructor
Aspidiotus palmarum
Aspidiotus spinosus
Brentus mexicanus
Chrysomphalus albopictus
Chrysomphalus tenax
Chrysomphalus umboniferus
Coccus viridis
Conchaspis angraeci
Conotrachelus perseae
Cryphula apicatus
Diorymerellus laevimargo
Eurycipitia vestitus
Eurypedus nigrosignatus
Eurytoma orchidearum
Euptochiomeria minima
Faula brunneipennis
Fulvius albomaculatus
Iridomyrmex iniquus
Ischyryus proximus
Lepidosaphes carinata
Lygaeus vittisctus
Macroductylus sericinus
Mimosestes dominicanus
Nemocephalus guatemalensis
Oosternum costatum
Pachycoris torridus
Phatnoma guatemelana
Platycaenus humilis
Platypus rugulosus
Protopulvinaria pyriformis
Pseudischnaspis alienus
Pseudoparlatoria ostreata
Statira unidentata
Stenomoma catenifer
Taeniothrips mexicanus (?)
Talponia batesi
Tenthoris vestitus
Valtissius diversus
Xyleborus confusus

HAITI:

Anastrepha mombinpraeoptans
Cylas formicarius elegantulus
Maruca testulalis

HAWAII:

Amphicerus cornutus
Anomala orientalis
Aspidiotus spinosus
Callosobruchus maculatus
Callosobruchus phaseoli
Caryedon fuscus
Ceratitis capitata
Coccus viridis
Coptotermes formosanus
Cryptorhynchus mangiferae
Dacus cucurbitae
Ereunetis flavistriata
Eriococcus araucariae
Euscapes postfasciatus
Frankliniella sulphurea
Furcaspis biformis
Haplothrips gowdeyi
Lampides boeticus

HAWAII—Continued

Lepidosaphes tokionis
Lepidosaphes uniloba
Maruca testulalis
Parlatoria crotonis
Pectinophora gossypiella
Phenacaspis sandwicensis (?)
Pinnaspis buxi
Pseudaonidia clavigera
Pseudococcus palmarum
Sinoxylon conigerum
Taeniothrips hawaiiensis
Taeniothrips simplex

HONDURAS:

Chrysomphalus umboniferus
Coptocyclus sordida
Dinoderus bifoveolatus
Furcaspis biformis
Metamasius sericeus
Nasutitermes cornigera
Stenomoma anonella
Stenomoma catenifer

INDIA:

Caryedon fuscus
Chilo simplex
Coccus capparidis
Dinoderus brevis
Fiorinia proboscidea
Heterobostrychus aequalis
Heterobostrychus pileatus
Lepidosaphes tuberculata
Lophocateres pusillus
Parlatoria zizyphus
Sinoxylon anale
Systole geniculata
Tomopoderus flaviceps

IRAN:

Bruchus dentipes

IRELAND:

Hofmannophila pseudospretella

ITALY:

Bruchus tristis
Caulophilus latinasus
Ceratitis capitata
Ceroplastes rusci
Cryptoblabes gnidiella
Dacus oleae
Dryocetes autographus
Laspeyresia splendana
Nemopogon granella
Parlatoria oleae
Parlatoria zizyphus
Phalonia zephyrana
Pieris brassicae
Polychrosis botrana
Pselactus spadix
Psila rosae
Pyrausta nubilalis
Rhagoletis cerasi
Sesamia cretica
Tetigonia aurita

IVORY COAST:

Stephanoderes hampei

JAMAICA:

Aganactes indecora
Anastrepha mombinpraeoptans
Anypispylla univittella
Asterolecanium epidendri
Asterolecanium pustulans
Callosobruchus chinensis
Callosobruchus maculatus
Callosobruchus phaseoli
Caulophilus latinasus
Coccus viridis
Lyctus caribaeus
Odonaspis penicillata
Palaeopus costicollis
Parlatoria crotonis
Pseudaonidia tessarata
Targionia sacchari

JAPAN:

Aspidiotus corticis-pini
Callidium rufipenne
Callosobruchus chinensis
Ceroplastes floridensis
Chilo simplex

Countries of origin and insects—Continued

JAPAN—Continued

Hymenia recurvalis
Lepidosaphes pallida
Lepidosaphes tuberculata
Parlatoria pseudaspidotus
Parlatoria theae
 "Poliaspis" pini
Pseudococcus pini
Unaspis yanonensis

AVA:

Pseudococcus lilacinus

JOHNSTON ISLAND:

Furcaspis oceanica
Mesovelia orientalis
Nysius blackburni
Scholastes bimaculatus
Teleonemia scrupulosa

KENYA:

Corcya cephalonica
Cryptorhynchus mangiferae

KOREA:

Callosobruchus chinensis

KWAJALEIN ISLAND:

Milichiella lacteipennis

LEBANON:

Bruchus dentipes
Ceratitis capitata

LIBERIA:

Pseudaonidia tesserata

MADEIRA ISLANDS:

Ceroplastes sinensis
Iridomyrmex humilis

MAJURO ISLAND:

Cadrema pallida bilineata
Furcaspis oceanica

MALTA:

Bruchidius incarnatus

MEXICO:

Aceratagallia gillettei
Aceratagallia sordida
Aceria tulipae
Acroleucus ricinialis
Aegithus melaspis
Agromyza virens
Aleurocanthus woglumi
Aleurodicus dugesii
Aleurothrix floccosus
Aleurothrix myrtacei
Algarobius prosopis
Alpheias conspirata
Amorbia emigratella
Amphicerus cornutus
Amyssonotum rastratum flexum
Anastrepha fraterculus
Anastrepha ludens
Anastrepha mombinpraeoptans
Anastrepha serpentina
Anomis editrix
Anthonomus albolineatus
Aonidiella citrina
Aphis medicaginis
Aphis nerii
Apion godmani
Areolius albopunctatus
Ascia monuste
Asphaera reichei
Aspidiotus apachea
Aspidiotus coursetiae
Asterolecanium bambusae
Asterolecanium epidendri
Astyochus setiger
Batyte laevicollis
Blissus leucopterus insularis
Bonchis munitalis
Brentus anchorago
Bulia mexicana
Calligrapha argus
Calligrapha diversa
Calligrapha limbaticollis
Calligrapha pantherina
Callirhytis sonoreae
Callosobruchus maculatus
Camirus conicus
Camirus socius
Capaneus odiosus
Capaneus tetricus

MEXICO—Continued

Carneocephala sagittifera
Caulophilus latinasus
Celerio lineata
Ceratocapsus punctulatus
Ceratocombus areolatus
Ceroplastes cirripediformis
Ceroplastes floridensis
Chaetopsis fulvifrons
Chrysomphalus albopictus
Chrysomphalus nigropunctatus
Chrysomphalus propisimus
Chrysomphalus scutiformis
Chrysomphalus umboniferus
Cleogonus rubetra
Cligenes delineata
Coccus mangiferae
Codatractus melon arizonensis
Coelosternus conspuratus
Conchaspis angraeci
Conotrachelus aguacatae
Conotrachelus integer
Conotrachelus leucophaeus
Conotrachelus naso
Conotrachelus perseae
Conotrachelus seniculus
Corcya cephalonica
Corimelaena incognita
Crophius costatus
Crophius scabrosus
Cryphula apicatus
Curculio q-griseae
Cylas formicarius elegantulus
Cyphosterna bicolor
Cyrtopeltis tenuis
Cyrtopeltis varians
Dahlbruchus sharpianus
Deloia guttata var.
Dialeurodes citri
Diaphania hyalinata
Diaphania nitidalis
Diatraea magnifacella
Diatraea saccharalis
Dinoderus bifoveolatus
Diorymerellus laevimargo
Disonycha dorsata
Disonycha glabrata
Disonycha leptolineata tezana
Disonycha pluriligata
Disonycha politula
Draeculacephala minerva
Dyscinetus picipes
Dysdercus mimulus
Dysdercus mimus
Empoasca irrita
Epicaerus cognatus
Epilachna varivestis
Epinotia opposita
Epitrix cucumeris
Epitrix fasciata
Epitrix hirtipennis
Estigmene acrea
Euaestha bella
Eucalandra setulosa
Eucalymnatus tessellatus
Eumecosomyia nubila
Eurytoma orchidearum
Eutettix tenellus
Euxesta annonae
Euxesta stigmatias
Evers comyntas
Evergestis rimosalis
Exilianus obscurinervis
Exptochiomeria minima
Exptochiomeria oblonga
Fernaldella fimetaria
Frankliniella brattleyi
Frankliniella cephalica
Frankliniella minuta
Frankliniella thrips
Furcaspis bififormis
Galgupha magna
Galgupha punctifer
Galgupha tezana
Gerstaeckeria mutillaria
Glyptina nivalis

Countries of origin and insects—Continued

MEXICO—Continued

Gnathamitermes perplexus
Gnorigmoschema gudmannella
Gnorigmoschema lavernella
Grapholitha packardii
Grapholitha saltitans
Haplothrips cottei
Heilipus caecus
Heliodines bella
Heliothis subflexa
Hellula phidilealis
Hilpinus punctatoscabratus
Homalodisca triquetra
Hypsipyla grandella
Ips interstitialis
Ischnodemus umbratus
Ischyrus frontalis
Laspeyresia leguminis
Laspeyresia membrosea (?)
Leioptus cinereus
Lepidosaphes carinata
Lepidosaphes philococcus
Leptotes marina
Ligyrocoris abdominalis
Ligyrocoris auriwilliana
Lineodes integra
Liriomyza pusilla
Lirius nigrinus
Loxostege helvialis
Loxostege oblitalis
Loxostege similalis
Lygaeus analis
Lygaeus circumlitus
Lygaeus circumplicatus
Lygaeus pallescens
Lygaeus vittiscutis
Lygus elisus
Lygus oblineatus
Macrocephalus notatus
Macrocephalus stali
Maemacates ruficornis
Malachius rufipes
Micrapate labialis
Mimorista flavidissimalis
Mimosestes dominicanus
Mimosestes sallaci
Monanthia monotropidia
Moneilema opuntiae
Moodna bisinuella
Mormidea collaris
Mormidea notulata
Myelobia smerintha
Myelois venipars
Myodocha longicollis
Nabis alternatus
Nabis dentipes
Nasutitermes cornigera
Neocattarus vegetus
Neoleucinodes elegantalis
Nicentrus testaceipes
Nicobium castaneum hirtum
Nysius basalis
Nysius calliger
Nysius minutus
Opatulena duodecimstriata
Ogdocoستا biannularis
Ogdocoستا catenulata
Olibrus submaculatus
Olibrus submarginatus
Oncopeltus cingulifer
Opistheuria latipennis
Oplonus pulcher
Ozamia immorella
Ozophora concava
Ozophora consanguineus
Ozophora unicolor
Pachybrachius consultus
Pachybrachius hondurana
Pachybrachius serripes
Pachybrachius serrillei
Pachycoris torridus
Pachygrontha oedancalodes
Pachyzancla bipunctalis
Pachyzancla periusalis
Pallantia macula

MEXICO—Continued

Paraleyrodes singularis (?)
Parlatoria cinerea
Paroxyna sorocula
Pectinophora gossypiella
Phelypera distigma
Phenacoccus gossypii
Phyllotreta pusilla
Phymata parva
Piezocera serraticollis
Pityophthorus cribratus
Placosternus difficilis
Plagiocera bistripunctatus
Plagiocera semivittata
Plagiocera thymaloides
Plagiometrona diversicollis
Plagiomorpha arizonae
Platynota rostrana
Platynota stultana
Platypus rugulosus
Podisus lineolatus
Polychisme ferruginosus
Procrptotermes hubbardi
Prodenia ornithogalli
Prostephanus truncatus
Pseudischinaspis alienus
Pseudococcus boninis
Pseudococcus palmarum
Pulvinaria psidii
Pycnarthrum lambottei
Pycnoderes quadrimaculatus
Renocis mexicanus
Rhagoletis completa
Rhagoletis pomonella
Rhagoletis striatella
Rhopalophora incrustata
Saccharosydne saccharivora
Schizoptera caudata
Scolopocerus uhleri
Setomorpha rutella
Sisamnes contractus
Sizeonotus luteiceps
Sphaeropsis championi
Stator sordidus
Stenoma catenifer
Stephanoderes buscki
Stephanoderes lecontei
Stiretrus ruficeps
Symphysa reniculalis
Systena frontalis
Taeniothrips simplex
Talponia batesi
Tanymercus confusus
"Targionia" bromiliae
Targionia yuccarum
Teleonemia scrupulosa
Tempyra biguttula
Tenthecoris angustimarginatus
Tetraleurodes acaciae
Tetraleurodes mori
Tetrapriocera longicornis
Tetyra pinguis
Texananus vermiculatus
Thyanta accerra
Trialetrodes vaporariorum
Trichobaris mucorea
Trochuda raspa
Trogosydon prostomoides
Trupanea abstersa
Utetheisa ornatrix
Valtissius distinctus
Valtissius diversus
Vanessa cardui
Vasseltia vasselti
Vingonia stellifera
Voria ruralis
Xestolabus corvinus
Xyleborus confusus
Xylobiops parilis
Xylobiops texanus
Zabrotes subfasciatus
Zygothymus guttulosa

MONTSEERRAT:

Asterolecanium pustulans

Countries of origin and insects—Continued

MOROCCO:

Eosoma lusitanica
Scobicia chevrii

MOZAMBIQUE:

Icerya seychellarum
Lepidosaphes tokionis
Lophocateres pusillus

NETHERLANDS:

Allantus cinctus
Amathes c-nigrum
Apion pomonae
Brachyrhinus sulcatus
Bruchus rufipes
Chaetocnema concinna
Cnemopogon apicalis
Endrosis lactella
Epilachna varivestis
Forficula auricularia
Gracilaria azaleella
Heterogaster urticae
Hofmanophila pseudopretella
Hoplandrothrips ellisi
Lampetia equestris
Laspeyresia splendana
Lepidosaphes tuberculata
Nemapogon granella
Phyllotreta cruciferae
Pityogenes chalcographus
Psila rosae
Rhopalosiphoninus latysiphon
Rhopalosiphoninus tulipaeillus
Sitona lineata
Strophosoma rufipes
Thrips angusticeps
Thrips fuscipennis
Thrips paludinagus
Trionymus peregrinus

NICARAGUA:

Amphicerus cornutus
Anastrepha mombinpraeoptans
Placosternus crinicornis
Platypus rugulosus
Xylobiops parilis

NIGERIA:

Callosobruchus maculatus
Corcyra cephalonica

NORWAY:

Argyresthia conjugella
Dicyphus pallidicornis
Etegestis forficalis
Laspeyresia strobilella
Psila rosae

PALESTINE:

Ceratitis capitata

PALMYRA ISLAND:

Nystus coenosulus
Stoeberhinus testaceus
Teleonemia scrupulosa

PANAMA:

Anastrepha mombinpraeoptans
Aspidiotus destructor
Aulacaspis mangiferae
Chrysomphalus ummiferus
Coccus viridis

Leucaspis cockerelli

Metamasius sericeus
Protopulvinaria pyriformis
Setomorpha rutella
Sibine stimulea
Stenoma catenifer
Taeniothrips simplex
Targionia hartii

PARAGUAY:

Callosobruchus chinensis
Ceratitis capitata

PERU:

Aspidiotus spinosus
Dinoderus bifoveolatus
Pagiocerus frontalis

PHILIPPINES:

Anaphothrips orchidaceus
Aonidiella inornata
Aspidiotus coryphae
Aspidiotus excisus
Aspidiotus palmae
Aspidiotus tayabanus

PHILIPPINES—Continued

Chrysomphalus nulliporus
Cryptorhynchus mangiferae
Cylas formicarius turcipennis
Dinoderus brevis
Furcaspis biformis
Lepidosaphes mcgregori
Minthea rugicollis
Nasutitermes luzonicus
Nephotettix bipunctatus
Parlatoria pseudaspidiotus
Parlatoria zizyphus
Pinnaspis townsendi
Prays endocarpa
Pseudonidia trilobitiformis
Pseudococcus tilacinus
Pyrausta nubilalis
Vinsonia stellifera
Xylothrips flavipes

PORTUGAL:

Ceratitis capitata
Iridomyrmex humilis
Laspeyresia splendana
Rhagoletis cerasi
Sinorylon sexdentatum
Stephanoderes hampei

PUERTO RICO:

Aganactesis indecora
Aleurothrixys floccosus
Anastrepha mombinpraeoptans
Anastrepha suspensa
Ancylostoma stercorea
Aspidiotus destructor
Aspidiotus herculeanus
Asterolecanium pustulans
Ceroplastes floridensis
Chaetopsis fulvifrons
Coccus viridis
Corcyra cephalonica
Cylas formicarius elegantulus
Dialeurodes citrifolii
Diatraea saccharalis
Euscepes postfasciatus
Euzesta stigmatias
Fundella pellucens
Lechriops psidii
Lepidosaphes rubrovittatus
Lepidosaphes tokionis
Maruca testulalis
Myelois ceratoniae
Pectinophora gossypiella
Protopulvinaria pyriformis
Pseudonidia tessellata
Pseudischnaspis boveyi
Pseudoparlatoria ostreata
Pulvinaria psidii
Pulvinaria urticae
Selenothrips rubrocinctus
"Targionia" sacchari
Unaspis citri

Vinsonia stellifera

ST. LUCIA:

Aspidiotus herculeanus

SAIPAN:

Rhabdoscelus obscurus

SALVADOR:

Anastrepha mombinpraeoptans
Anastrepha serpentina
Anastrepha striata
Aspidiotus destructor
Aspidiotus diffinis
Chrysomphalus calurus
Pseudischnaspis longissima
Stenoma catenifer
Tetraleurodes acaciae
Zabrotes subfasciatus

SAMOA:

Ereunetis flavistriata

SCOTLAND:

Brachyrhinus singularis
Forficula auricularia
Micrelus ericae
Orthozia cataphracta
Psila rosae
Taeniothrips atratus
Ulopa reticulata

Countries of origin and insects—Continued

SOUTH AMERICA:

Diatraea saccharalis
Eurytoma orchidearum

SOUTH PACIFIC:

Anacamptodes fragilaria
Antonina graminis
Cadrema pallida
Cadrema pallida bilineata
Ceresium unicolor
Cyrtorhinus riveti
Hyalopeplus pellucidus
Hymenia recurralis
Leptoglossus australis
Mesovelia orientalis
Milichiella lacteipennis
Nephotettix bipunctatus
Nysius blackburni
Nysius dallasi
Oxyctonia jucunda
Pelomyia coronata
Prodenia litura
Scholastes bimaculatus
Simoxylon conigerum
Spodoptera mauritia
Stoerberhinus testaceus
"Targionia" sacchari
Teleonemia scrupulosa
Tethina insularis

SOUTH WEST AFRICA:

Dinoderus brevis

SPAIN:

Ceratitis capitata
Chilo simplex
Gastrophysa polygoni
Hemimene juliana
Laspeyresia splendana
Parlatoria zizyphus

SWEDEN:

Argyresthia conjugella
Blastodacna hellerella
Blastophagus piniperda
Ernobia abietis
Hofmannophila pseudospretella
Hylurgops palliatus
Ips typographus
Phyllopertha horticola
Pityogenes chalcographus
Pogonocherus fuscicollatus
Psila rosae
Strophosoma melanogramma

SYRIA:

Ceratitis capitata

TAHITI:

Icerya seychellarum

TINIAN ISLAND:

Aonidiella comperei

TRANSVAAL:

"Chionaspis" exalbidus
Piezodorus purus

TRINIDAD:

Aspidiotus destructor
Asterolecanium epidendri
Aulacaspis mangiferae
Callosobruchus maculatus
Coccus viridis
Diaphania nitidalis
Furcaspis biformis
Gymnandrosoma aurantianum
Hellula phidilealis
Leucaspis cockerelli
Palaeopus costicollis
Parlatoria cinerea
Parlatoria pseudaspidiotus
Protopulvinaria pyrifomis
Pseudodauidia tesserata
Pulvinaria psidii
Setomorpha rutella
Stenomoma anonella
Taeniothrips simplex
"Targionia" hartii

TUNISIA:

Parlatoria blanchardi
Parlatoria zizyphus

UGANDA:

Stephanoderes hampei

UNION OF SOUTH AFRICA:

Ceratitis capitata
Chionaspis leucandendri
Cordylomera spinicornis
Cryptorhynchus mangiferae
Halotydeus destructor
Haplothrips nigricornis
Iridomyrmex humilis
Phenacaspis whitehilli (tentative determination)
Specularius impressithorax

UNKNOWN:

Andrector salvini
Bruchus brachialis
Chilo simplex
Corcyra cephalonica
Diaphania nitidalis
Dinoderus bifoveolatus
Dinoderus brevis
Endrosis lactella
Gnaphalocrocis medinalis
Haplothrips cottei
Hofmannophila pseudospretella
Jadera sanguinolenta
Laspeyresia splendana
Lepidosaphes tokionis
Minthea rugicollis
Pantomorus godmani
Parlatoria camelliae
Protopulvinaria pyrifomis
Stephanoderes hampei
Systema frontalis
Taeniothrips simplex
"Targionia" hartii
Xenochalepus omoger
Zabrotes subfasciatus

VENEZUELA:

Acanthognathus lentus
Anaphothrips orchidaceus
Aspidiotus herculeanus
Asterolecanium epidendri
Aulacaspis mangiferae
Callosobruchus maculatus
Chrysomphalus scutiformis
Chrysomphalus tenax
Chrysomphalus umboniferus
Clerada apicornis
Coccus viridis
Corcyra cephalonica
Cylas formicarius elegantulus
Eurytoma orchidearum
Euscapes postfasciatus
Fulvius albomaculatus
Furcaspis biformis
Lepidosaphes carinata
Leucaspis cockerelli
Mecolaemus carvalhoi
Mimoseses dominicanus
Palinaspis barbata (tentative determination)
Pectinophora gossypiella
Phaedon fuscipes
Pinnaspis buzi
Placosternus crinicornis
Platycarenum humilis
Protopulvinaria pyrifomis
Pseudoparlatoria ostreata
Pulvinaria psidii
Setomorpha rutella
Tenthetocoris bicolor
Tenthetocoris distinguendus
Vinsonia stellifera

VIRGIN ISLANDS:

Euscapes postfasciatus
"Targionia" hartii

WEST AFRICA:

Cordylomera spinicornis

List of pests (diseases) collected and reported from July 1, 1946 to June 30, 1947, inclusive

[An asterisk indicates State inspection]

Disease and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
<i>Alternaria capsici-annui</i> Savu. & Sanduville:					
<i>Capsicum frutescens</i> (pepper)	Algeria, Italy		3		Pa.
<i>Alternaria nigrescens</i> (Pegl.) Neerg.:					
<i>Cucumis melo</i> (melon)	Chile	2			N. Y.
<i>Alternaria tenuissima</i> (Fr.) Wiltshire (?):					
<i>Lycopersicon esculentum</i> (tomato)	Mexico		1		Tex.
<i>Alternaria zinniae</i> Pape:					
<i>Physalis</i> sp. (husk tomato)	do	1			Tex.
<i>Aphelenchus avenae</i> Bastian:					
<i>Allium cepa</i> (onion)	do		1		Tex.
<i>Botrytis galanthina</i> (Berk. & Br.) Sacc.:					
<i>Galanthus</i> sp.	Netherlands			36	Md., Mass., Mich., N. Y., Pa.
<i>Botrytis gladiolorum</i> Timmermans:					
<i>Gladiolus</i> sp.	do			3	N. Y., Pa.
<i>Cercospora angraeci</i> Roum.:					
<i>Odontoglossum grande</i> (orchid)	Mexico		1		Calif.*
<i>Odontoglossum</i> sp.	England		1		Calif.*
<i>Cercospora cordiae</i> Chupp:					
<i>Cordia</i> sp.	Mexico	1			Tex.
<i>Cercospora foeniculi</i> Magn.:					
<i>Foeniculum</i> sp. (fennel)	Italy		1		N. Y.
<i>Cercospora handelii</i> Bub.:					
<i>Rhododendron</i> sp.	Belgium, Netherlands			10	N. J.
<i>Cercospora hyalina</i> Muller & Chupp:					
<i>Rosa</i> sp.	Mexico	1			Tex.
<i>Cercospora lythracearum</i> Heald & Wolf:					
<i>Punica granatum</i> (pomegranate)	do	7		1	Tex.
<i>Cercospora musae</i> Zimm.:					
<i>Musa paradisiaca sapientum</i> (banana)	Costa Rica, Dominican Republic, Guatemala, Honduras, Mexico, Panama, Philippines.	201	4		Calif.,* Md., Tex.
<i>Musa</i> sp.	Mexico	1			Calif.*
<i>Cercospora neriella</i> Sacc.:					
<i>Nerium oleander</i> (oleander)	Bermuda	2		2	Md., N. Y.
<i>Cercospora nicotianae</i> Ell. & Ev.:					
<i>Nicotiana tabacum</i> (tobacco)	Cuba	1			N. Y.
<i>Cercospora purpurea</i> Cke.:					
<i>Persea americana</i> (avocado)	do	1			Fla.*
<i>Cercospora violae</i> Sacc.:					
<i>Viola</i> sp.	Canada			1	Wash.
<i>Cercospora caryigena</i> (Ell. & Ev.) Hoehn.:					
<i>Carya illinoensis</i> (pecan)	Mexico	1			Tex.
<i>Cercospora mori</i> Pk.:					
<i>Morus</i> sp. (mulberry)	do	1			Tex.
<i>Cerottium desmum</i> (Berk. & Br.) Arth.:					
<i>Gossypium</i> sp. (cotton)	Puerto Rico	1			N. Y.
<i>Leuthospora lunata</i> Shear:					
<i>Leucothoe</i> sp.	Netherlands			1	N. J.
<i>Rhododendron</i> sp.	do			1	N. J.
<i>Phrysomya rhododendri</i> D By.:					
<i>Rhododendron</i> sp.	England, Switzerland	1		1	N. J.
<i>Cladosporium pisicolum</i> Snyder:					
<i>Pisum sativum</i> (English pea)	Mexico	1			Tex.
<i>Cladosporium dahliae</i> Arth.:					
<i>Dahlia</i> sp.	do	2			Tex.
<i>Cladosporium domingense</i> (Berk.) Arth.:					
<i>Plumeria rubra</i> (nosegay frangipani)	do			1	Tex.
<i>Colletotrichum agaves</i> Cav.:					
<i>Agave</i> sp.	do			1	Tex.
<i>Colletotrichum cajani</i> Rangel:					
<i>Cajanus cajan</i> (pigeonpea)	Puerto Rico	6			N. Y.
<i>Colletotrichum graminicolum</i> (Ces.) G. W. Wils.:					
<i>Sorghum vulgare technicum</i> (broomcorn)	Mexico	8			Tex.
<i>Colletotrichum lagenarium</i> (Pass.) Ell. & Halst.:					
<i>Cucumis sativus</i> (cucumber)	Hawaii		1		Calif.*

List of pests (diseases) collected and reported from July 1, 1946 to June 30, 1947
inclusive—Continued

[An asterisk indicates State inspection]

Disease and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
<i>Colletotrichum lilacearum</i> Ferr.:					
<i>Lilium</i> sp. (lily)	Bermuda			2	N. Y.
<i>Colletotrichum macrosporum</i> Sacc.:					
<i>Cymbidium</i> sp. (orchid)	Philippines			1	Calif.*
<i>Colletotrichum nigrum</i> Ell. & Halst.:					
<i>Physalis</i> sp. (husk tomato)	Mexico	1			Tex.
<i>Coniosporium gramineum</i> Ell. & Ev.:					
<i>Arundinaria</i> sp. (?) (bamboo)	China	1			D. C.
<i>Coniothyrium fuckelii</i> Sacc.:					
<i>Rosa</i> sp.	Ireland			1	D. C.
<i>Coniothyrium genistae</i> (Roum.) Berl. & Vogl.:					
<i>Genista cinerea</i>	England			1	N. J.
<i>Coniothyrium hellebori</i> Cke. & Mass.:					
<i>Helleborus niger</i> (Christmas-rose)	Netherlands			1	N. J.
<i>Helleborus</i> sp.	do			1	N. J.
<i>Coryneum bejerincki</i> Oud.:					
<i>Prunus persica</i> (peach) (?)	Portugal			1	N. Y.
<i>Coryneum microstictum</i> Berk. & Br.:					
<i>Rosa</i> sp.	Netherlands			1	N. J.
<i>Cronartium ribicola</i> Alf. Fisch.:					
<i>Ribes</i> sp. (black currant)	Canada			1	N. Y.
<i>Cryptospora longispora</i> Servazzi:					
<i>Araucaria</i> sp.	Australia			1	D. C.
<i>Cumminsia sanguinea</i> (Pk.) Arth.:					
<i>Mahonia aquifolium</i> (Oregon grape)	England, Tunisia	2			N. Y.
<i>Mahonia</i> sp.	Belgium			1	N. J.
<i>Cystospora batata</i> (Ell. & Halst.) J. A. Elliott.:					
<i>Ipomoea batatas</i> (sweetpotato)	Mexico	1			Tex.
<i>Cytospora ambiens</i> Sacc.:					
<i>Castanea</i> sp. (chestnut)	England	1			Pa.
<i>Salix</i> sp. (willow)	do	1			N. Y.
<i>Cytospora chrysosperma</i> Fr.:					
<i>Salix</i> sp. (willow)	do	1			Pa.
<i>Cytospora corni</i> West.:					
<i>Cornus florida</i> (?)	Canada			1	N. J.
<i>Cytospora laburni</i> Peyronel:					
<i>Laburnum</i> sp.	Netherlands			2	N. J.
<i>Cytospora palmicola</i> Berk. & Curt.:					
<i>Cocos nucifera</i> (coconut)	Hawaii	1			Calif.*
<i>Cytospora salicis</i> Rab.:					
<i>Salix</i> sp. (willow)	England	1			Pa.
<i>Cytospora neri</i> D. Sacc.:					
<i>Nerium</i> sp. (?)	Spain	1			Pa.
<i>Dendryphium obstipum</i> Pollack:					
<i>Colocasia esculenta</i> (dasheen)	China	1			Calif.*
<i>Solanum tuberosum</i> (potato)	Mexico	1			Tex.
<i>Diachea leucopodia</i> (Bull.) Rost.:					
<i>Rosa</i> sp.	Netherlands			1	N. J.
<i>Diaporthe eres</i> Nits.:					
<i>Rosa</i> sp.	Belgium, Netherlands			3	N. J.
<i>Diaporthe medusae</i> Nits.:					
<i>Vitis</i> sp. (grape)	Costa Rica			1	N. J.
<i>Diplodia coccarpa</i> Sacc. var. <i>malaccensis</i> Tassi:					
<i>Cocos nucifera</i> (coconut)	Guam, New Guinea	3			Calif.*
<i>Diplodia epicocos</i> Cke.:					
<i>Cocos nucifera</i>	Trinidad	1			Fla.*
<i>Orbignya cohune</i> (cohune palm)	Brazil	1			Fla.*
<i>Diplodia mutila</i> Fr.:					
<i>Malus sylvestris</i> (apple)	France	1			N. J.
<i>Diplodia theobromae</i> (Pat.) Nowell:					
<i>Artocarpus altilis</i> (breadfruit)	Puerto Rico	1		1	N. Y., Pa.
Bark of hardwood tree	Portugal	1			Pa.
<i>Calamus</i> sp. (rattan)	West Africa	1			Pa.
<i>Cocos nucifera</i> (coconut)	West Indies	1			N. Y.
<i>Musa paradisiaca sapientum</i> (banana)	Puerto Rico		1		N. Y.
<i>Serjania mexicana</i> (barbasco)	Peru	1			N. Y.
<i>Ditylenchus dipsaci</i> (Kuhn) Filip.:					
<i>Allium sativum</i> (garlic)	Mexico	14			Tex.
<i>Chionodoxa</i> sp.	Netherlands			1	N. Y.
<i>Narcissus</i> sp.	New Zealand			1	N. J.

list of pests (diseases) collected and reported from July 1, 1946 to June 30, 1947,
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Disease and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
<i>Pitylenchus iridis</i> Steiner:					
<i>Iris histrioides</i> (harput iris)	Netherlands			1	N. J.
<i>Iris tingitana</i> var. Wedgewood	do			2	N. J.
<i>Iris xiphoides</i> var. (English iris)	do			9	N. J.
<i>Iris xiphium</i> var. (Spanish iris)	do			10	N. J.
<i>Iris</i> , Dutch bulbous hybrids	do			16	N. J., Pa.
<i>Iris</i> sp.	do			150	N. J.
<i>Cusinoe australis</i> Bitanc. & Jenkins:					
<i>Citrus limon</i> (lemon)	Brazil		2		Md., Tex.
<i>Citrus sinensis</i> (orange)	Argentina, Brazil		10		Fla.,* Ga., Md., Mass., N. Y., Pa.
<i>Cusinoe phaseoli</i> Jenkins:					
<i>Phaseolus lunatus macrocarpus</i> (lima bean)	Cuba, Puerto Rico	4			N. Y.
<i>Entyloma dahliae</i> Syd.:					
<i>Dahlia</i> sp.	Guatemala, Mexico	2			Tex.
<i>Cutypella cocos</i> Ferd. & Winge:					
<i>Cocos nucifera</i> (coconut)	Philippines			1	Calif.*
<i>Excipula diapiensiae</i> Rostr. (?):					
<i>Shortia uniflora</i> grandiflora	England			1	N. J.
<i>Exobasidium vaccinii</i> (Fekl.) Woron.:					
<i>Rhododendron indicum</i>	Belgium			3	N. J.
<i>Rhododendron</i> sp.	Belgium, Netherlands			9	N. J., Wash.
<i>Urusarium fructigenum</i> Fr.:					
<i>Malus sylvestris</i> (apple)	Norway	1			Nebr.
<i>Urusarium oxysporum</i> Schlecht. var. <i>gladioli</i> Massey:					
<i>Gladiolus</i> sp.	Guatemala			1	Tex.
<i>Fusicoccum castaneum</i> Sacc.:					
<i>Castanea</i> sp. (chestnut)	Italy	1			Calif.*
<i>Fusicoccum cinctum</i> Sacc. & Roum.:					
<i>Castanea</i> sp.	Portugal	1			N. Y.
<i>Alisma stiz convoluta</i> (Harz) Mason:					
<i>Cattleya</i> sp. (orchid)	Colombia			1	Calif.*
<i>Ornithogalum</i> sp.	Netherlands			1	N. J.
<i>Zingiber officinale</i> (ginger)	China	1			Calif.*
<i>Loeosporium anthuriophilum</i> Trinch. (?):					
<i>Anthurium</i> sp.	Guatemala			1	Calif.*
<i>Loeosporium cattleyae</i> Sacc. & D. Sacc.:					
<i>Cattleya dowiana</i> (orchid)	Costa Rica			1	Calif.*
<i>Cattleya labiata</i>	Brazil			1	Calif.*
<i>Cattleya loddigesii</i>	do			1	Calif.*
<i>Cattleya mossiae</i>	Venezuela			1	Calif.*
<i>Cattleya schroederiana</i>	Colombia			1	Calif.*
<i>Cattleya superba</i>	Brazil			1	Calif.*
<i>Cattleya</i> sp.	Colombia, Venezuela			2	Calif.*
<i>Loeosporium laeliae</i> P. Henn.:					
<i>Laelia anceps</i> (orchid)	Mexico			1	Tex.
<i>Laelia perrini</i>	Brazil			1	Calif.*
<i>Loeosporium leguminum</i> (Cke.) Sacc.:					
<i>Prosopis</i> sp. (mesquite)	Mexico		5		Tex.
<i>Loeosporium orchidearum</i> Karst.:					
Orchid	British West Indies			1	N. Y.
<i>Loeosporium rhododendri</i> Briosi & Cav.:					
<i>Rhododendron basilicum</i> (regal rhododendron)	England			1	N. J.
<i>Loeosporium soraverinum</i> Allesch.:					
<i>Codiaeum</i> sp.	Bahamas			1	N. J.
<i>Lomeraella piperata</i> (Ston.) Spauld. & Schrenk:					
<i>Capsicum frutescens</i> (pepper)	Cuba	1			N. Y.
<i>nomonia magnoliae</i> Ell.:					
<i>Magnolia</i> sp.	England, Netherlands			2	N. J.
<i>raphiola phoenicis</i> (Moug.) Poit.:					
Palm	Mexico, Morocco	1	1		Ohio, Tex.
<i>telminthosporium avenae</i> Eidam:					
<i>Avena sativa</i> (oat)	England	1			Pa.
<i>telminthosporium carposaprum</i> Pollack:					
<i>Lycopersicon esculentum</i> (tomato)	British Guiana, Cuba, Haiti (?), Mexico.	6	1		La., N. Y., P. R., Tex.

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<i>Helminthosporium oryzae</i> Breda de Haan: Oryza sativa (rice).....	Dominican Republic.....	1	N. J.
<i>Helminthosporium turcicum</i> Pass.: Sorghum halepense (Johnston grass).....	Mexico.....	.....	1	.....	Tex.
<i>Hemileia oenidii</i> Griflon & Maub.: Oncidium varicosum rogersi (orchid).....	Brazil.....	.....	.....	1	Calif.*
<i>Heterodera marioni</i> (Cornu) Goodey: Astilbe sp.....	Netherlands.....	.....	.....	1	N. J.
<i>Heratylus viviparus</i> Goodey: Solanum tuberosum (potato).....	England.....	.....	1	.....	Pa.
<i>Hormodendron cladoporioides</i> (Fres.) Sacc.: Capsicum frutescens (pepper).....	Morocco.....	.....	1	.....	Pa.
<i>Kellermania yuccigena</i> Ell. & Ev.: Yucca sp.....	Mexico.....	.....	.....	1	Calif.
<i>Leptosphaeria musarum</i> Sacc. & Berl.: Musa paradisiaca sapientum (banana).....	Puerto Rico.....	1	.....	.....	N. Y.
<i>Leptosphaeria rusci</i> (Wallr.) Sacc.: Ruscus aculeatus (butchersbroom).....	Eire, Italy.....	2	.....	1	N. Y., Pa.
<i>Ruscus sp</i>	Italy.....	1	.....	.....	Pa.
<i>Leptosphaeria sacchari</i> Breda de Haan: Saccharum officinarum (sugarcane).....	Mexico.....	1	.....	.....	Tex.
<i>Leptosphaeria tritici</i> (Garov.) Pass.: Hordeum vulgare (barley).....	Soldier's mail.....	1	.....	.....	Tex.
<i>Leptosphaeria vinealis</i> Pass.: Vitis sp. (grape).....	Italy.....	.....	.....	1	N. Y.
<i>Leptothyrium pomi</i> (Mont. & Fr.) Sacc.: Orchid.....	Costa Rica.....	.....	.....	1	N. J.
<i>Lophodermium juniperinum</i> (Fr.) DeN.: Juniperus sp.....	Netherlands.....	.....	.....	1	N. J.
<i>Macrophoma candollei</i> (Berk. & Br.) Berl. & Vogl.: Buxus sempervirens (box).....	do.....	.....	.....	1	N. J.
<i>Buxus sp</i>	do.....	.....	.....	2	N. J.
<i>Macrophoma macadamiae</i> Tassi: Macadamia sp.....	Queensland.....	1	.....	.....	Calif.*
<i>Macrophoma oleandri</i> Pass.: Nerium oleander (oleander).....	Bermuda.....	1	.....	.....	Md.
<i>Macrophoma oenidii</i> P. Henn.: Cattleya mossiae (orchid).....	Venezuela.....	.....	.....	1	Calif.*
<i>Cattleya sp</i>	Colombia.....	.....	.....	1	Calif.*
<i>Macrophoma orchidicola</i> (Speg.) Sacc. & Syd. (?): Mazillaria luteoalba (orchid).....	do.....	.....	.....	1	Calif.*
<i>Macrophomina phaseoli</i> (Maub.) Ashby: Allium sativum (garlic).....	Mexico.....	2	.....	.....	N. Y., Tex.
<i>Cucumis melo</i> (melon).....	Chile.....	3	.....	.....	N. Y.
<i>Opuntia</i> sp. (cactus).....	Italy.....	.....	.....	1	N. Y.
<i>Solanum tuberosum</i> (potato).....	Egypt.....	.....	1	.....	Pa.
<i>Zingiber officinale</i> (ginger).....	Cuba.....	1	.....	.....	N. Y.
<i>Marmor cucumeris</i> Holmes: Cucurbita maxima (squash).....	Guam, Mexico.....	1	1	.....	Hawaii, Tex.
<i>Melanospora mattiroliana</i> Mirande: Lycopersicon esculentum (tomato).....	Cuba.....	.....	1	.....	Pa.
<i>Memnoniella echinata</i> (Riv.) L. O. Gall.: Araceae.....	Guatemala.....	.....	.....	1	N. J.
<i>Cattleya sp. (orchid)</i>	Brazil, Colombia, Venezuela.....	.....	.....	7	Calif.,* N. J.
<i>Dieffenbachia</i> sp.....	British Guiana (?).....	.....	.....	1	N. J.
<i>Laelia purpurata</i> (orchid).....	Brazil.....	.....	.....	1	Calif.*
<i>Solanum tuberosum</i> (potato).....	Mexico.....	1	.....	.....	Tex.
<i>Zingiber officinale</i> (ginger).....	China, Tahiti.....	2	.....	.....	Calif.*
<i>Microcera fujikuroi</i> Miy. & Saw.: Camellia japonica (camellia).....	Mexico.....	1	.....	.....	Tex.
<i>Monilia sitophila</i> (Mont.) Sacc.: Solanum tuberosum (potato).....	do.....	.....	1	.....	Tex.
<i>Monilinia fructicola</i> (Wint.) Honey: Prunus domestica (plum).....	do.....	.....	2	.....	Tex.
<i>Monilinia fructigena</i> (Pers.) Honey: Malus sylvestris (apple).....	Union of Soviet Socialist Republics.....	1	N. Y.
<i>Pyrus communis</i> (pear).....	Italy.....	1	Ala.

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<i>Monilinia laza</i> (Aderh. & Ruhl.) Honey: <i>Prunus armeniaca</i> (apricot)	Italy		1		N. Y.
<i>Monochaetia compta</i> (Sacc.) Allesch. var. <i>ramulicola</i> Berl. & Bres.: <i>Rosa rugosa</i> (rugosa rose)	Finland			1	N. J.
<i>Monochaetia desmazierii</i> Sacc.: <i>Quercus</i> sp. (oak)	France			1	N. J.
<i>Mycogala parietinum</i> (Fr.) Sacc.: <i>Magnolia</i> sp.	Netherlands			1	N. J.
<i>Mycosphaerella oryzae</i> (Catt.) Sacc. (?): <i>Oryza sativa</i> (rice)	Greece	1			N. Y.
<i>Mycosphaerella populorum</i> G. E. Thompson: <i>Populus</i> sp. (cottonwood)	Mexico		1		Ariz.
<i>Mycosphaerella rhododendri</i> (Cke.) G. H. Martin: <i>Rhododendron</i> sp.	Netherlands			1	N. J.
<i>Mycosphaerella tulasnei</i> Jacz.: <i>Vicia faba</i> (broadbean)	Union of South Africa		1		Pa.
<i>Myrothecium viridum</i> Fr.: <i>Lycopersicon esculentum</i> (tomato)	Mexico	1			Tex.
<i>Nectria cinnabarina</i> Fr.: <i>Acer</i> sp. (maple)	Netherlands			2	N. J.
<i>Nigrospora oryzae</i> (Berk. & Br.) Petch: <i>Oryza sativa</i> (rice)	India	1			Calif.*
<i>Nigrospora sphaerica</i> (Sacc.) Mason: Grass	China	1			Calif.*
<i>Oryza sativa</i> (rice)	China, Japan	1	4		Calif.*
<i>Oidium begoniae</i> Putt.: <i>Begonia</i> sp.	Netherlands			1	N. J.
<i>Oidium tenellum</i> (Berk. & Curt.) Linder: <i>Sorghum vulgare</i> (sorghum)	Kenya			1	D. C.
<i>Omphalia flavida</i> (Cke.) Maub. & Rangel: <i>Gardenia augusta</i> (Cape-jasmine)	Guatemala, Mexico	24			Ariz., Tex.
<i>Ophiobolus oryzae</i> Miyake: <i>Oryza sativa</i> (rice)	Dominican Republic			1	N. J.
<i>Ophiobolus porphyrogonus</i> (Fr.) Sacc.: <i>Panicum</i> sp.	New Guinea	1			Calif.*
<i>Panagrolaimus rigidus</i> (A. Schneid.) Thorne: <i>Aster</i> sp.	Netherlands			1	N. J.
<i>Papularia sphaerosperma</i> (Fr.) Hoehn.: <i>Arundo</i> sp.	Guatemala	1			N. Y.
Bamboo	Japan	1			Wash.
<i>Bambusa</i> sp. (?)	Brazil			1	Calif.*
<i>Lonicera splendida</i> (honeysuckle)	England			1	Wash.
<i>Papularia vinosa</i> (Berk. & Curt.) Mason: Bamboo	Mexico	1			Ariz.
<i>Bambusa</i> sp.	Japan	1			Wash.
<i>Papulaspora parasitica</i> (Eidam) Harz.: <i>Tulipa</i> sp. (tulip)	Czechoslovakia, Netherlands			2	Calif.*
<i>Papulaspora rubida</i> Hotson: <i>Gladiolus</i> sp.	Netherlands			1	N. J.
<i>Penicillium gladioli</i> McCull. & Thom: <i>Tigridia</i> sp.	do			1	N. J.
<i>Tritonia</i> sp.	do			1	N. J.
<i>Peronospora trifoliorum</i> D By.: <i>Medicago sativa</i> (alfalfa)	Mexico	1			Tex.
<i>Pestalotia annulata</i> Berk. & Curt.: <i>Ilex</i> sp.	Netherlands			1	N. J.
<i>Pestalotia conspicua</i> Servazzi: <i>Cattleya bicolor</i> (orchid)	Brazil			1	Calif.*
<i>Cattleya</i> sp.	Venezuela			1	Calif.*
<i>Laelia anceps</i> (orchid)	Mexico			1	Tex.
<i>Oncidium splendidum</i> (orchid)	Guatemala			1	Calif.*
<i>Pestalotia funerea</i> Desm.: <i>Araucaria araucana</i> (monkeypuzzle)	England	1			N. J.
<i>Chamaecyparis</i> sp.	England, Netherlands			2	N. J.
<i>Thuja</i> sp.	Netherlands			1	N. J.

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<i>Pestalotia macrotricha</i> Kleb.: <i>Rhododendron</i> sp.-----	Belgium, England, Netherlands. Netherlands-----	1		18	N. J.
<i>Ribes alpinum</i> (alpine currant)-----	Netherlands-----			1	N. J.
<i>Pestalotia psidii</i> Pat.: <i>Psidium guajava</i> (guava)-----	Puerto Rico-----	1			Pa.
<i>Pestalotia rhododendri</i> (D. Sacc.) Guba: <i>Rhododendron</i> sp.-----	Netherlands-----			5	N. J.
<i>Pestalotia vaccinii</i> (Shear) Guba: <i>Rhododendron</i> sp.-----	Belgium-----			1	Wash.
<i>Pezizella lythri</i> Shear & Dodge: <i>Paeonia delavayi</i> (delavay peony)-----	England-----			1	N. J.
<i>Paeonia</i> sp. (peony)-----	Netherlands-----			2	N. J.
<i>Rosa</i> sp.-----	France-----			1	N. J.
<i>Phoenicostroma chamaedoreae</i> Syd.: Palm-----	Mexico-----	1			Tex.
<i>Phoma citricarpa</i> McAlp.: <i>Citrus grandis</i> (pummelo)-----	China-----	1			Calif.*
<i>Citrus limon</i> (lemon)-----	Philippines-----		1		Calif.*
<i>Citrus reticulata</i> (Mandarin orange)-----	China-----		1		Calif.*
<i>Citrus sinensis</i> (orange)-----	do-----	3			Calif., *N. Y. Wash
<i>Phoma cydonia</i> Sacc. & Schulz.: <i>Chaenomeles</i> sp.-----	Netherlands-----			1	N. J.
<i>Phoma lingam</i> (Fr.) Desm.: <i>Brassica oleracea capitata</i> (cabbage)-----	Mexico-----	1			Tex.
<i>Phoma psidii</i> P. Henn.: <i>Psidium guajava</i> (guava)-----	do-----	1			Tex.
<i>Phoma zeicola</i> Ell. & Ev.: <i>Coix stenocarpa</i> (?)-----	India-----			2	N. J.
<i>Phomopsis aucubicola</i> Grove: <i>Aucuba japonica</i> (Japanese aucuba)-----	Japan-----		1		Wash.
<i>Phomopsis corni</i> Trav.: <i>Cornus</i> sp.-----	Netherlands-----			2	N. J.
<i>Phomopsis cryptica</i> Hoehn.: <i>Lonicera</i> sp.-----	Canada-----			1	N. J.
<i>Phomopsis magnolicola</i> Died.: <i>Magnolia soulangeana nigra</i> -----	Netherlands-----			1	N. J.
<i>Magnolia</i> sp.-----	do-----			3	N. J.
<i>Phomopsis phoenicola</i> Trav.: <i>Phoenix pusilla</i> -----	Ceylon-----			1	D. C.
<i>Phomopsis rhois</i> (Sacc.) Trav.: <i>Cotinus coggygria</i> (smoketree)-----	Netherlands-----			1	N. J.
<i>Phomopsis rudis</i> Hoehn.: <i>Laburnum</i> sp.-----	do-----			1	N. J.
<i>Phyllachora melnicola</i> Syd.: <i>Melitis minutiflora</i> (?)-----	Uganda-----			1	D. C.
<i>Phyllosticta conopsea</i> Bub.: <i>Carya illinoensis</i> (pecan)-----	Mexico-----	1			Tex.
<i>Phyllosticta cymbidii</i> Verpl. (?) <i>Cymbidium</i> sp. (orchid)-----	England-----			1	N. J.
<i>Phyllosticta fragaricola</i> Desm. & Rob.: <i>Fragaria</i> sp. (strawberry)-----	France-----			1	N. Y.
<i>Phyllosticta galactis</i> (Cke.) Ell. & Ev.: <i>Galar</i> sp.-----	Canada-----			1	Wash.
<i>Phyllosticta hesperidearum</i> (Catt.) Penz.: <i>Citrus sinensis</i> (orange)-----	Italy-----	1			Pa.
<i>Phyllosticta kalmicola</i> (Schw.) Ell. & Ev.: <i>Kalmia</i> sp.-----	Netherlands-----			1	N. J.
<i>Phyllosticta laeliae</i> Keissl.: <i>Cattleya eldorado</i> (orchid)-----	Brazil-----			1	Calif.*
<i>Cattleya trianae</i> -----	Venezuela-----			1	Calif.*
<i>Cymbidium giganteum</i> (orchid)-----	India-----			1	Calif.*
<i>Cymbidium hybrids</i> -----	England-----			1	Calif.*
<i>Epidendrum atropurpureum</i> (orchid)-----	Guatemala-----			1	Calif.*

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Disease and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
<i>Phyllosticta laeliae</i> Keissl.—Continued.					
<i>Laelia perrini</i> (orchid)	Brazil			1	Calif.*
<i>Laelia purpurata</i>	do			3	Calif.*
<i>Laelia</i> sp.	Costa Rica, Mexico			3	Calif.*
<i>Odontoglossum laeve</i> (orchid)	Mexico			1	Calif.*
<i>Oncidium wentworthianum</i> (orchid)	Guatemala			1	Calif.*
<i>Phyllosticta mertonii</i> Fairm.:					
<i>Mangifera indica</i> (mango)	Haiti	1			N. Y.
<i>Phyllosticta sorghina</i> Sacc.:					
<i>Sorghum vulgare</i> (sorghum)	Kenya			10	D. C.
<i>Sorghum</i> sp. (?)	Mexico	1			N. Y.
<i>Phyllosticta syriaca</i> Sacc.:					
<i>Hibiscus syriacus</i> (shrub-althea)	Bermuda	1			Mass.
<i>Physalospora cattleyae</i> Maub. & Lasnier:					
<i>Cattleya tuedemanniana</i> (orchid)	Venezuela			1	Calif.*
<i>Cattleya schroederiana</i>	Colombia			1	Calif.*
<i>Cattleya</i> sp.	Guatemala, Venezuela	1		2	Calif.,* N. J., Tex.
<i>Cymbidium</i> sp. (orchid)	India			1	N. J.
<i>Laelia</i> sp. (orchid)	Mexico			1	Tex.
<i>Physalospora cydoniae</i> Arn.:					
<i>Malus sylvestris</i> (apple)	Sweden		1		Pa.
<i>Physalospora latitans</i> Sacc.:					
<i>Eucalyptus</i> sp.	Mexico	1			Ariz.
<i>Physalospora obtusa</i> (Schw.) Cke.:					
<i>Malus sylvestris</i> (apple)	Chile	7			N. Y.
<i>Physalospora orchidearum</i> P. Henn.:					
<i>Cattleya bowringiana</i> (orchid)	Guatemala			1	Calif.*
<i>Cattleya mossiae</i>	Venezuela			2	Calif.*
<i>Cymbidium aloidolum</i> (orchid)	India			1	Calif.*
<i>Cymbidium elegans</i>	do			1	Calif.*
<i>Cymbidium ensifolium</i>	do			1	Calif.*
<i>Cymbidium giganteum</i>	do			2	Calif.*
<i>Cymbidium longifolium</i>	do			1	Calif.*
<i>Dendrobium</i> sp. (orchid)	do			1	N. J.
<i>Epidendrum cochleatum</i> (orchid)	Guatemala			1	Calif.*
<i>Oncidium bicallosum</i> (orchid)	do			1	Calif.*
<i>Phalaenopsis schilleriana</i> (orchid)	Philippines			1	Calif.*
<i>Zygopetalum mackayi</i> (orchid)	Brazil			1	Calif.*
<i>Physalospora wildemaniana</i> Sacc.:					
<i>Cymbidium devonianum</i> (orchid)	India			1	Calif.*
<i>Cymbidium giganteum</i>	do			1	Calif.*
<i>Cymbidium</i> sp.	do			1	Calif.*
<i>Phytophthora mexicana</i> Hotson & Hartge:					
<i>Lycopersicon esculentum</i> (tomato)	Mexico	2			Tex.
<i>Phytophthora phaseoli</i> Thaxt.:					
<i>Phaseolus</i> sp. (string bean)	do	4			Tex.
<i>Plasmodiophora brassicae</i> Wor.:					
<i>Brassica rapa</i> (turnip)	Norway		1		N. Y.
<i>Plasmodiophora viticola</i> (Berk. & Curt.) Berl. & DeT.:					
<i>Vitis</i> sp. (grape)	Italy		1		S. C.
<i>Plowrightia circumscissa</i> Tracy & Earle:					
<i>Agave</i> sp.	Mexico			1	Tex.
<i>Yucca aloifolia</i> (Spanish dagger)	Trinidad	1			N. J.
<i>Yucca</i> sp.	Mexico	1			Tex.
<i>Polyporus sanguineus</i> Fr.:					
Lumber	Philippines	1			Calif.*
Truck bed	Guam	1			Calif.*
<i>Pseudomonas savastanoi</i> (E. F. Sm.) F. L. Stevens:					
<i>Olea europaea</i> (olive)	Egypt, Italy		1	1	Mass., N. Y.
<i>Puccinia cyperi</i> Arth.:					
Cyperaceae	Mexico	1			Tex.
<i>Puccinia hordei</i> Fekl.:					
<i>Hordeum vulgare</i> (barley)	Italy	1			Pa.

List of pests (diseases) collected and reported from July 1, 1946 to June 30, 1947
inclusive—Continued

[An asterisk indicates State inspection]

Disease and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
<i>Puccinia oblecta</i> Pk.: <i>Scirpus californicus</i> (tule)	Mexico	1			Tex.
<i>Puccinia oxalidis</i> Diet. & Ell.: <i>Mahonia</i> sp.	do	1			Tex.
<i>Puccinia phragmites</i> (Schum.) Koern.: <i>Phragmites communis</i> (?)	Italy	2			Pa.
<i>Puccinia triannulata</i> (Berk. & Curt.) Jacks.: <i>Borrichia frutescens</i> (bushy sea-oxeye)	Mexico	1			Tex.
<i>Ravenelia arizonica</i> Ell. & Ev.: <i>Prosopis</i> sp. (mesquite)	do		1		Tex.
<i>Rhabditella octapleura</i> Steiner: <i>Physalis</i> sp. (husk tomato)	do	1			Tex.
<i>Rhabditis strongyloides</i> (Schneider) Oerley: <i>Coelogyne cristata</i> (orchid)	India			1	Calif.*
<i>Cymbidium devonianum</i> (orchid)	do			2	Calif.*
<i>Raphanus sativus</i> (radish)	Japan		2		Calif.*
<i>Scirrhodithis bambusae</i> (Turc.) Trott.: Bamboo	India		1		Md.
<i>Sclerotopsis concava</i> Shear & Dodge: <i>Rhododendron</i> sp.	England			1	N. J.
<i>Sclerotium aesculi</i> Schw.: <i>Aesculus</i> sp. (horsechestnut)	England (?)			1	D. C.
<i>Sclerotium cepivorum</i> Berk.: <i>Allium cepa</i> (onion)	Union of Soviet Socialist Republics		1		Pa.
<i>Sclerotium rolfsii</i> Sacc.: <i>Tulbaghia</i> sp.	Union of South Africa			1	N. J.
<i>Septonema spilomeum</i> Berk.: <i>Cattleya</i> sp. (orchid)	Venezuela			1	Calif.*
<i>Septoria azaleae</i> Vogl.: <i>Rhododendron indicum</i>	Belgium			3	N. J.
<i>Rhododendron</i> sp.	Belgium, Netherlands			20	N. J., Wash.
<i>Septoria chrysanthemi</i> Allesch.: <i>Chrysanthemum</i> sp.	Sweden			1	N. J.
<i>Septoria citri</i> Pass.: <i>Citrus limon</i> (lemon)	Spain		2		Pa.
<i>Citrus reticulata</i> (tangerine)	Italy	1			N. Y.
<i>Septoria depressa</i> McAlp.: <i>Citrus limon</i>	Australia		1		Pa.
<i>Septoria didyma</i> Fekl.: <i>Salix</i> sp. (willow)	Mexico	1			Tex.
<i>Septoria macrospora</i> Dearn.: <i>Chrysanthemum maximum</i> (Pyrenees chrysanthemum)	do	1			Tex.
<i>Chrysanthemum</i> sp.	do	2			Tex.
<i>Septoria nodorum</i> Berk.: <i>Triticum aestivum</i> (wheat)	England	1			Mo.
<i>Septoria piricola</i> Desm.: <i>Pyrus communis</i> (pear)	Union of South Africa		1		N. Y.
<i>Septoria posekensis</i> Sacc.: <i>Coelogyne elata</i> (orchid)	India			1	Calif.*
<i>Cymbidium devonianum</i> (orchid)	do			13	Calif.*
<i>Cymbidium whiteae</i>	do			3	Calif.*
<i>Cypripedium</i> sp. (orchid)	do			1	N. J.
<i>Sphaceloma puniceae</i> Bitane, & Jenkins: <i>Punica granatum</i> (pomegranate)	Mexico	2			Ariz.
<i>Sphacelotheca sorghi</i> (Lk.) Clint.: <i>Sorghum vulgare</i> (sorghum)	Kenya			1	D. C.
<i>Sphaerodothis pringlei</i> (P.K.) Th. & Syd.: <i>Yucca</i> sp.	Mexico	1			Tex.
<i>Sphaerotheca mors-uae</i> (Schw.) Berk. & Curt.: <i>Ribes nigrum</i> (European black currant)	Canada			1	N. J.
<i>Stachybotrys subsimplex</i> Cke.: <i>Laelia purpurata</i> (orchid)	Brazil			1	Calif.*
<i>Odontoglossum biconiense</i> (orchid)	Guatemala			1	Calif.*

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Disease and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
<i>Stachyldium theobromae</i> Ture.: <i>Musa paradisica</i> (plantain)..... <i>Musa paradisica sapientum</i> (banana).....	Cuba..... Guatemala, Honduras, Jamaica, Panama.	5 22			N. Y. Calif.,* Md., N. Y.
<i>Stagonospora curtisii</i> (Berk.) Sacc.: <i>Narcissus</i> sp.....	Netherlands.....	1		2	Mass., N. Y., Wash.
<i>Stagonospora macrospora</i> (Dur. & Mont.) Sacc.: <i>Agave</i> sp..... <i>Stemphylium botryosum</i> Wallr.: <i>Allium cepa</i> (onion)..... <i>Capsicum frutescens</i> (pepper)..... <i>Cucumis melo</i> (melon)..... <i>Stemphylium ilicis</i> Tengwall (?): <i>Daucus carota</i> (carrot).....	Mexico..... do..... Italy, Peru..... Egypt..... Sweden.....			1 2 1	Tex. Tex. N. Y., Tex. Pa. Pa.
<i>Rapista rosae</i> (Pers.) Fekl.: <i>Rosa rugosa</i> (rugosa rose)..... <i>Rosa</i> sp..... <i>Thielaviopsis basicola</i> (Berk.) Ferr.: <i>Pueraria thunbergiana</i> (kudzu-bean)..... <i>Sinningia</i> sp.....	Finland..... Belgium..... China..... Belgium.....			1 1 1 1	N. J. N. J. Calif.* N. Y.
Tomato pox": <i>Lycopersicon esculentum</i> (tomato)..... <i>Tubercularia vulgaris</i> Fr.: <i>Acer palmatum</i> (Japanese maple)..... <i>Acer</i> sp..... <i>Typhula variabilis</i> Riess: <i>Beta vulgaris</i> (beet)..... <i>Oredo behnickiana</i> P. Henn.: <i>Oncidium wentworthianum</i> (orchid).....	Mexico..... Netherlands..... do..... Sweden..... Guatemala.....	37			Tex. N. J. N. J. Pa. Calif.*
<i>Urocystis cepulae</i> Frost: <i>Allium cepa</i> (onion)..... <i>Urocystis colchici</i> (Schlecht.) Rab.: <i>Colchicum</i> sp..... <i>Urocystis gladioli</i> W. G. Sm.: <i>Gladiolus</i> sp..... <i>Uromyces aloes</i> (Cke.) Magn.: <i>Haworthia margaritifera</i> <i>Uromyces betae</i> (Pers.) Lévl.: <i>Beta vulgaris</i> (beet)..... <i>Uromyces commelinae</i> (Speg.) Cke.: <i>Commelina crispa</i> (curlyleaf dayflower)..... <i>Uromyces fabae</i> (Pers.) D By.: <i>Lens culinaris</i> (lentil)..... <i>Ustilago hordei</i> (Pers.) Lager.: <i>Secale cereale</i> (rye)..... <i>Uromyces dematium</i> Fr.: <i>Dianthus</i> sp. (carnation)..... <i>Uromyces herbarum</i> West. var. <i>dianthi</i> West.: <i>Dianthus</i> , sp..... <i>Uromyces buxi</i> Auers. & Fleisch.: <i>Buxus</i> sp..... <i>Uromyces dahliae</i> Kleb.: <i>Hedychium</i> sp..... <i>Uromyces buxi</i> (Cda.) Berk.: <i>Buxus</i> sp..... <i>Uromyces citri</i> (Hasse) Dowson: <i>Citrus aurantifolia</i> (sour lime)..... <i>Citrus limon</i> (lemon)..... <i>Citrus paradisi</i> (grapefruit)..... <i>Citrus sinensis</i> (orange).....	South West Pacific..... Netherlands..... do..... Union of South Africa..... Mexico..... France (?)..... Germany..... Guatemala..... England..... Netherlands..... India..... Netherlands..... China (?), India..... India..... do..... Ceylon, China, Phil- ippines.		1 5 1 1 1 1 1 1 1 1 1 1 5 1 1 1		Hawaii. N. J. N. J. N. Y. Tex. Ore. Nebr. N. Y. N. J. N. J. N. J. N. J. Md., Mass., Wash. Mass. Mass. Calif.*

Hosts and diseases

- ACER:**
Nectria cinnabarina (Ascomycetes)
Tubercularia vulgaris (Deuteromycetes)
- AESCULUS:**
Sclerotium aesculi (Deuteromycetes)
- AGAVE:**
Colletotrichum agaves (Deuteromycetes)
Pestalotia circumscissa (Ascomycetes)
Stagonospora macrospora (Deuteromycetes)
- ALLIUM CEPA:**
Aphelenchus avenae (Nematoda)
Sclerotium cepivorum (Deuteromycetes)
Stemphylium botryosum (Deuteromycetes)
Urocystis cepulae (Promycetes)
- ALLIUM SATIVUM:**
Ditylenchus dipsaci (Nematoda)
Macrophomina phaseoli (Deuteromycetes)
- ANTHURIUM:**
Gloeosporium anthuriophilum (?) (Deuteromycetes)
- ARACEAE:**
Memnoniella echinata (Deuteromycetes)
- ARAUCARIA:**
Cryptospora longispora (Ascomycetes)
Pestalotia funerea (Deuteromycetes)
- ARTOCARPUS:**
Diplodia theobromae (Deuteromycetes)
- ARUNDINARIA:**
Coniosporium gramineum (Deuteromycetes)
- ARUNDO:**
Papularia sphaerosperma (Deuteromycetes)
- ASTER:**
Panagrolaimus rigidus (Nematoda)
- ASTILBE:**
Heterodera marioni (Nematoda)
- AUCUBA:**
Phomopsis aucubicola (Deuteromycetes)
- AVENA:**
Helminthosporium avenae (Deuteromycetes)
- BAMBOO:**
Papularia sphaerosperma (Deuteromycetes)
Papularia vinosa (Deuteromycetes)
Scirrhodithis bambusae (Ascomycetes)
- BAMBUA:**
Papularia sphaerosperma (Deuteromycetes)
Papularia vinosa (Deuteromycetes)
- BEGONIA:**
Oidium begoniae (Deuteromycetes)
- BETA VULGARIS:**
Typhula variabilis (Basidiomycetes)
Uromyces betae (Promycetes)
- BORRICHIA:**
Puccinia triannulata (Promycetes)
- BRASSICA OLERACEA CAPITATA:**
Phoma lingam (Deuteromycetes)
- BRASSICA RAPA:**
Plasmodiophora brassicae (Myxomycetes)
- BUXUS:**
Macrophoma candollei (Deuteromycetes)
Verticillium buxi (Deuteromycetes)
Volutella buxi (Deuteromycetes)
- CAJANUS:**
Colletotrichum cajani (Deuteromycetes)
- CALAMUS:**
Diplodia theobromae (Deuteromycetes)
- CAMELLIA:**
Microcera fujikuroi (Deuteromycetes)
- CAPSICUM:**
Alternaria capsici-annui (Deuteromycetes)
Glomerella piperata (Ascomycetes)
Hormodendron cladosporioides (Deuteromycetes)
Stemphylium botryosum (Deuteromycetes)
- CARYA:**
Cercospora caryigena (Deuteromycetes)
Phyllosticta convexula (Deuteromycetes)
- CASTANEA:**
Cytospora ambiens (Deuteromycetes)
Fusicoccum castaneum (Deuteromycetes)
Fusicoccum cinctum (Deuteromycetes)
- CATTLEA:**
Gliomastix convoluta (Deuteromycetes)
Gloeosporium cattleyae (Deuteromycetes)
Macrophoma oncidii (Deuteromycetes)
Memnoniella echinata (Deuteromycetes)
Pestalotia conspicua (Deuteromycetes)
Phyllosticta laeliae (Deuteromycetes)
- CATTLEA—Continued**
Physalospora cattleyae (Ascomycetes)
Physalospora orchidearum (Ascomycetes)
Septonema spilomeum (Deuteromycetes)
- CHAENOMELES:**
Phoma cydonia (Deuteromycetes)
- CHAMAECYPARIS:**
Pestalotia funerea (Deuteromycetes)
- CHIONODOXA:**
Ditylenchus dipsaci (Nematoda)
- CHRYSANTHEMUM:**
Septoria chrysanthemi (Deuteromycetes)
Septoria macrospora (Deuteromycetes)
- CITRUS AURANTIFOLIA:**
Xanthomonas citri (Schizomycetes)
- CITRUS GRANDIS:**
Phoma citricarpa (Deuteromycetes)
- CITRUS LIMON:**
Elsinoe australis (Ascomycetes)
Phoma citricarpa (Deuteromycetes)
Septoria citri (Deuteromycetes)
Septoria depressa (Deuteromycetes)
Xanthomonas citri (Schizomycetes)
- CITRUS PARADISI:**
Xanthomonas citri (Schizomycetes)
- CITRUS RETICULATA:**
Phoma citricarpa (Deuteromycetes)
Septoria citri (Deuteromycetes)
- CITRUS SINENSIS:**
Elsinoe australis (Ascomycetes)
Phoma citricarpa (Deuteromycetes)
Phyllosticta hesperidearum (Deuteromycetes)
Xanthomonas citri (Schizomycetes)
- COCOS:**
Cytospora palmicola (Deuteromycetes)
Diplodia coccarpa var. *malaccensis* (Deuteromycetes)
Diplodia epicocos (Deuteromycetes)
Diplodia theobromae (Deuteromycetes)
Eutypella cocos (Ascomycetes)
- CODIAEUM:**
Gloeosporium soraverianum (Deuteromycetes)
- COELOGYNE:**
Rhabditis strongyloides (Nematoda)
Septoria posekensis (Deuteromycetes)
- COIX:**
Phoma zeicola (Deuteromycetes)
- COLCHICUM:**
Urocystis colchici (Promycetes)
- COLOCASIA:**
Dendryphium obtipum (Deuteromycetes)
- COMMELINA:**
Uromyces commelinae (Promycetes)
- CORDIA:**
Cercospora cordiae (Deuteromycetes)
- CORNUS:**
Cytospora corni (Deuteromycetes)
Phomopsis corni (Deuteromycetes)
- COTINUS:**
Phomopsis rhois (Deuteromycetes)
- CUCUMIS MELO:**
Alternaria nigrescens (Deuteromycetes)
Macrophomina phaseoli (Deuteromycetes)
Stemphylium botryosum (Deuteromycetes)
- CUCUMIS SATIVUS:**
Colletotrichum lagenarium (Deuteromycetes)
- CUCURBITA MAXIMA:**
Marmor cucumeris var. *vulgare* (Virus)
- CYMBIDIUM:**
Colletotrichum macrosporum (Deuteromycetes)
Phyllosticta cymbidii (?) (Deuteromycetes)
Phyllosticta laeliae (Deuteromycetes)
Physalospora cattleyae (Ascomycetes)
Physalospora orchidearum (Ascomycetes)
Physalospora wildevaniana (Ascomycetes)
Rhabditis strongyloides (Nematoda)
Septoria posekensis (Deuteromycetes)
- CYPERACEAE:**
Puccinia cyperi (Promycetes)
- CYPRIPEDIUM:**
Septoria posekensis (Deuteromycetes)
- DAHLIA:**
Coleosporium dahliae (Promycetes)
Entyloma dahliae (Promycetes)
- DAUCUS:**
Stemphylium ilicis (Deuteromycetes)

Hosts and diseases—Continued

- DENDROBIUM:**
Physoctispora orchidearum (Ascomycetes)
- DIANTHUS:**
Vermicularia dematium (Deuteromycetes)
Vermicularia herbarum var. *dianthi* (Deuteromycetes)
- DIEFFENBACHIA:**
Memnoniella echinata (Deuteromycetes)
- EPIDENDRUM:**
Phyllosticta laeliae (Deuteromycetes)
Physoctispora orchidearum (Ascomycetes)
- EUCALYPTUS:**
Physoctispora latitans (Ascomycetes)
- FOENICULUM:**
Cercospora foeniculi (Deuteromycetes)
- FRAGARIA:**
Phyllosticta fragaricola (Deuteromycetes)
- GALANTHUS:**
Botrytis galanthina (Deuteromycetes)
- GALAX:**
Phyllostictis galactis (Deuteromycetes)
- GARDENIA:**
Omphalia flavida (Deuteromycetes)
- GENISTA:**
Coniothyrium genistae (Deuteromycetes)
- GLADIOLUS:**
Botrytis gladiolorum (Deuteromycetes)
Fusarium oxysporum var. *gladioli* (Deuteromycetes)
Papulaspora rubida (Deuteromycetes)
Urocystis gladioli (Promycetes)
- GOSSYPIUM:**
Cerotelium desmismii (Promycetes)
- HAWORTHIA:**
Uromyces aloes (Promycetes)
- HEDYCHUM:**
Verticillium dahliae (Deuteromycetes)
- HELLEBORUS:**
Coniothyrium hellebori (Deuteromycetes)
- HIBISCUS:**
Phyllosticta syriaca (Deuteromycetes)
- HORDEUM:**
Leptosphaeria tritici (Ascomycetes)
Puccinia hordei (Promycetes)
- ILEX:**
Pestalotia annulata (Deuteromycetes)
- IPOMOEA:**
Cystospora batata (Myxomycetes)
- IRIS:**
Ditylenchus iridis (Nematoda)
- JUNIPERUS:**
Lophodermium juniperinum (Ascomycetes)
- KALMIA:**
Phyllosticta kalmicola (Deuteromycetes)
- LABURNUM:**
Cytospora laburni (Deuteromycetes)
Phomopsis rudis (Deuteromycetes)
- LAELIA:**
Gloeosporium laeliae (Deuteromycetes)
Memnoniella echinata (Deuteromycetes)
Pestalotia conspicua (Deuteromycetes)
Phyllosticta laeliae (Deuteromycetes)
Physoctispora cattleyae (?) (Ascomycetes)
Stachybotrys subsimplex (Deuteromycetes)
- LENS:**
Uromyces fabae (Promycetes)
- LEUCOTHOE:**
Ceuthospora lunata (Deuteromycetes)
- LILIUM:**
Colletotrichum lilacearum (Deuteromycetes)
- LONCERA:**
Papularia sphaerosperma (Deuteromycetes)
Phomopsis cryptica (Deuteromycetes)
- LYCOPERSICON:**
Alternaria tenuissima (Deuteromycetes)
Helminthosporium carposaprum (Deuteromycetes)
Melanospora mattiroliana (Ascomycetes)
Myrothecium roridum (Deuteromycetes)
Phytophthora mexicana (Phycomycetes)
 "Tomato pox"
- MACADAMIA:**
Macrophoma macadamiae (Deuteromycetes)
- MAGNOLIA:**
Gnomonia magnoliae (Ascomycetes)
Mycogala parietinum (Ascomycetes)
Phomopsis magnolicola (Deuteromycetes)
- MAHONIA:**
Cumminsia sanguinea (Promycetes)
Puccinia oxalidis (Promycetes)
- MALUS:**
Diplodia mutila (Deuteromycetes)
Fusarium fructigenum (Deuteromycetes)
Monilinia fructigena (Ascomycetes)
Physoctispora cydoniae (Ascomycetes)
Physoctispora obtusa (Ascomycetes)
- MANGIFERA:**
Phyllosticta mortoni (Deuteromycetes)
- MAXILLARIA:**
Macrophoma orchidicola (?) (Deuteromycetes)
- MEDICAGO:**
Peronospora trifoliorum (Phycomycetes)
- MELINIS:**
Phyllachora melinicola (Ascomycetes)
- MORUS:**
Cercospora mori (Deuteromycetes)
- MUSA PARADISIACA:**
Stachydidium theobromae (Deuteromycetes)
- MUSA PARADISIACA SAPIENTUM:**
Cercospora musae (Deuteromycetes)
Diplodia theobromae (Deuteromycetes)
Leptosphaeria musarum (Ascomycetes)
Stachydidium theobromae (Deuteromycetes)
- MUSA SP.:**
Cercospora musae (Deuteromycetes)
- NARCISSUS:**
Ditylenchus dipsaci (Nematoda)
Stagonospora curtisii (Deuteromycetes)
- NERIUM:**
Cercospora neriella (Deuteromycetes)
Cytospora neri (Deuteromycetes)
Macrophoma oleandri (Deuteromycetes)
- NICOTIANA:**
Cercospora nicotianae (Deuteromycetes)
- ODONTOGLOSSUM:**
Cercospora angraci (Deuteromycetes)
Phyllosticta laeliae (Deuteromycetes)
Stachybotrys subsimplex (Deuteromycetes)
- OLEA:**
Pseudomonas savastanoi (Schizomycetes)
- ONCIDIUM:**
Hemileia oncidii (Promycetes)
Pestalotia conspicua (Deuteromycetes)
Phyllosticta laeliae (Deuteromycetes)
Physoctispora orchidearum (Ascomycetes)
Uredo behnickiana (Promycetes)
- OPUNTIA:**
Macrophoma phaseoli (Deuteromycetes)
- ORBIGNYA:**
Diplodia epicocos (Deuteromycetes)
- ORCHIDACEAE:**
Gloeosporium orchidearum (Deuteromycetes)
Leptothyrium pomi (Deuteromycetes)
- ORNITHOGALUM:**
Glomastix convoluta (Deuteromycetes)
- ORYZA:**
Helminthosporium oryzae (Deuteromycetes)
Mycosphaerella oryzae (?) (Ascomycetes)
Nigrospora oryzae (Deuteromycetes)
Nigrospora sphaerica (Deuteromycetes)
Ophiobolus oryzae (Ascomycetes)
- PAEONIA:**
Peizizella lythri (Ascomycetes)
- PANICUM:**
Ophiobolus porphyrogonus (Ascomycetes)
- PERSEA:**
Cercospora purpurea (Deuteromycetes)
- PHALAENOPSIS:**
Physoctispora orchidearum (Ascomycetes)
- PHASEOLUS LUNATUS MACROCARPUS:**
Elstnoe phaseoli (Ascomycetes)
- PHASEOLUS SP. (string bean):**
Phytophthora phaseoli (Phycomycetes)
- PHOENIX:**
Phomopsis phoenicola (Deuteromycetes)
- PHRAGMITES:**
Puccinia phragmites (Promycetes)

Hosts and diseases—Continued

- PHYSALIS:**
Alternaria zinniae (Deuteromycetes)
Colletotrichum nigrum (Deuteromycetes)
Rhabditella octapleura (Nematoda)
- PISUM:**
Cladosporium pisicolum (Deuteromycetes)
- PLUMERIA:**
Colosporium domingense (Promycetes)
- POPULUS:**
Mycosphaerella populorum (Ascomycetes)
- PROSOPIS:**
Gloeosporium leguminum (Deuteromycetes)
Ravenelia arizonica (Promycetes)
- PRUNUS ARMENIACA:**
Monilinia laza (Deuteromycetes)
- PRUNUS DOMESTICA:**
Monilinia fruticula (Deuteromycetes)
- PRUNUS PERSICA:**
Coryneum beijerinckii (Deuteromycetes)
- PSIDIUM:**
Pestalotia psidii (Deuteromycetes)
Phoma psidii (Deuteromycetes)
- PUERARIA:**
Thielaviopsis basicola (Deuteromycetes)
- PUNICA:**
Cercospora lythracearum (Deuteromycetes)
Sphaeloma punicae (Deuteromycetes)
- PYRUS:**
Monilinia fructigena (Ascomycetes)
Septoria piricola (Deuteromycetes)
- QUERCUS:**
Monochaetia desmazierii (Deuteromycetes)
- RAPHANUS:**
Rhabditis strongyloides (Nematoda)
- RHODODENDRON:**
Cercospora handelii (Deuteromycetes)
Ceuthospora tunata (Deuteromycetes)
Chrysomyxa rhododendri (Promycetes)
Erobasidium vaccinii (Basidiomycetes)
Gloeosporium rhododendri (Deuteromycetes)
Pestalotia macrotricha (Deuteromycetes)
Pestalotia rhododendri (Deuteromycetes)
Pestalotia vaccinii (Deuteromycetes)
Sclerotopsis concava (Ascomycetes)
Septoria azaleae (Deuteromycetes)
- RIBES:**
Cronartium ribicola (Promycetes)
Pestalotia macrotricha (Deuteromycetes)
Sphaerotheca mors-urae (Ascomycetes)
- ROSA:**
Cercospora hyalina (Deuteromycetes)
Coniothyrium fuckeli (Deuteromycetes)
Coryneum microstictum (Deuteromycetes)
Diachea leucopodia (Myxomycetes)
Diaporthe eres (Ascomycetes)
Monochaetia compta var. *ramulicola* (Deuteromycetes)
Pezizella lythri (Ascomycetes)
Tapesia rosae (Ascomycetes)
- RUSCUS:**
Leptosphaeria rusci (Ascomycetes)
- SACCHARUM:**
Leptosphaeria sacchari (Ascomycetes)
- SALIX:**
Cytospora ambiens (Deuteromycetes)
Cytospora chrysosperma (Deuteromycetes)
Cytospora salicis (Deuteromycetes)
Septoria didyma (Deuteromycetes)
- SCIRPUS:**
Puccinia oblecta (Promycetes)
- SECALE:**
Ustilago hordei (Promycetes)
- SERJANIA:**
Diplodia theobromae (Deuteromycetes)
- SHORTIA:**
Excipula diapseniae (?) (Ascomycetes)
- SINNINGIA:**
Thielaviopsis basicola (Deuteromycetes)
- SOLANUM:**
Dendryphium obstopum (Deuteromycetes)
Hexatylus viviparus (Nematoda)
Macrophomina phaseoli (Deuteromycetes)
Memnoniella echinata (Deuteromycetes)
Monilia sitophila (Deuteromycetes)
- SORGHUM HALEPENSE:**
Helminthosporium turcicum (Deuteromycetes)
- SORGHUM VULGARE:**
Oidium tenellum (Deuteromycetes)
Phyllosticta sorghina (Deuteromycetes)
Sphaelotheca sorghi (Promycetes)
- SORGHUM VULGARE TECHNICUM:**
Colletotrichum graminicolum (Deuteromycetes)
- SORGHUM SP.:**
Phyllosticta sorghina (Deuteromycetes)
- THUJA:**
Pestalotia funerea (Deuteromycetes)
- TIGRIDIA:**
Penicillium gladioli (Deuteromycetes)
- TRITICUM:**
Septoria nodorum (Deuteromycetes)
- TRITONIA:**
Penicillium gladioli (Deuteromycetes)
- TULBAGHIA:**
Sclerotium rolsii (Deuteromycetes)
- TULIPA:**
Populiaspora parasitica (Deuteromycetes)
- VICIA:**
Mycosphaerella tulasnei (Ascomycetes)
- VIOLA:**
Cercospora violae (Deuteromycetes)
- VITIS:**
Diaporthe medusae (Ascomycetes)
Leptosphaeria vinealis (Ascomycetes)
Plasmopara viticola (Phycomycetes)
- YUCCA:**
Kellermania yuccigena (Deuteromycetes)
Plowrightia circumscissa (Ascomycetes)
Sphaerodothis pringlei (Ascomycetes)
- ZINGIBER:**
Ghiomastix convoluta (Deuteromycetes)
Macrophomina phaseoli (Deuteromycetes)
Memnoniella echinata (Deuteromycetes)
- ZYGOPET ALUM:**
Phyalospora orchidearum (Ascomycetes)

Hosts Unknown

- BARK:**
Diplodia theobromae (Deuteromycetes)
- GRASS:**
Nigrospora sphaerica (Deuteromycetes)
- LUMBER:**
Polyporus sanguineus (Basidiomycetes)
- PALM:**
Graphiola phoenicis (Promycetes)
Phoenicostroma chamedoreae (Ascomycetes)
- TRUCK BED:**
Polyporus sanguineus (Basidiomycetes)

Countries of origin and diseases

- ALGERIA:**
Alternaria capsici-annui
- ARGENTINA:**
Elsinoe australis
- AUSTRALIA:**
Cryptospora longispora
Septoria depressa
- BAHAMAS:**
Gloeosporium soraverianum
- BELGIUM:**
Cercospora handelii
Cumminsia sanguinea
Diaporthe eres
Exobasidium vaccinii
Pestalotia macrotricha
Pestalotia vaccinii
Septoria azaleae
Tapesia rosae
Thielaviopsis basicola
- BERMUDA:**
Cercospora neriella
Colletotrichum lilacearum
Macrophoma oleandri
Phyllosticta syriaca
- BRAZIL:**
Diplodia epicocos
Elsinoe australis
Gloeosporium cattleyae
Gloeosporium laeliae
Hemileia oncidii
Memnoniella echinata
Papularia sphaerosperma
Pestalotia conspicua
Phyllosticta laeliae
Physalospora orchidearum
Stachybotrys subsimplex
- BRITISH GUIANA:**
Helminthosporium carposaprum
Memnoniella echinata
- BRITISH WEST INDIES:**
Gloeosporium orchidearum
- CANADA:**
Cercospora violae
Cronartium ribicola
Cytospora corni
Phomopsis cryptica
Phyllosticta galactis
Sphaerotheca mors-uae
- CEYLON:**
Phomopsis phoenicola
Xanthomonas citri
- CHILE:**
Alternaria nigrescens
Macrophomina phaseoli
Physalospora obtusa
- CHINA:**
Coniosporium gramineum
Dendryphium obtipum
Gliomastix convoluta
Memnoniella echinata
Nigrospora sphaerica
Phoma citricarpa
Thielaviopsis basicola
Xanthomonas citri
- COLOMBIA:**
Gliomastix convoluta
Gloeosporium cattleyae
Macrophoma oncidii
Macrophoma orchidicola (?)
Memnoniella echinata
Physalospora cattleyae
- COSTA RICA:**
Cercospora musae
Diaporthe medusae
Gloeosporium cattleyae
Leptothyrium pomi
Phyllosticta laeliae
- CUBA:**
Cercospora musae
Cercospora purpurea
Elsinoe phaseoli
- CUBA—Continued**
Glomerella piperata
Helminthosporium carposaprum
Macrophomina phaseoli
Melanospora mattirolana
Stachyldium theobromae
- CZECHOSLOVAKIA:**
Papularia parasitica
- DOMINICAN REPUBLIC:**
Cercospora musae
Helminthosporium oryzae
Ophiobolus oryzae
- EGYPT:**
Pseudomonas savastanoi
Macrophomina phaseoli
Stemphylium botryosum
- ENGLAND:**
Cercospora angraeci
Chrysomyxa rhododendri
Coniothyrium genistae
Cumminsia sanguinea
Cytospora ambiens
Cytospora chrysosperma
Cytospora salicis
Exicipula diapensiae (?)
Gloeosporium rhododendri
Gnomonia magnoliae
Helminthosporium avenae
Hexatylus viviparus
Papularia sphaerosperma
Pestalotia funerea
Pestalotia macrotricha
Pezizella lythri
Phyllosticta cymbidii (?)
Phyllosticta laeliae
Sclerotopsis concava
Sclerotium aesculi
Septoria nodorum
Vermicularia herbarum var. *dianthi*
- FINLAND:**
Monochaetia compta var. *ramulicola*
Tapesia rosae
- FRANCE:**
Diplodia mutila
Monochaetia desmazierii
Pezizella lythri
Phyllosticta fragaricola
Uromyces fabae
- GERMANY:**
Ustilago hordei
- GREECE:**
Mycosphaerella oryzae (?)
- GUAM:**
Diplodia cococarpa var. *malaccensis*
Marmor cucumeris var. *vulgare*
Polyporus sanguineus
- GUATEMALA:**
Cercospora musae
Entyloma dahliae
Fusarium oxysporum var. *gladioli*
Gloeosporium anthuriophilum (?)
Memnoniella echinata
Omphalia flavida
Papularia sphaerosperma
Pestalotia conspicua
Phyllosticta laeliae
Physalospora cattleyae
Physalospora orchidearum
Stachybotrys subsimplex
Stachyldium theobromae
Uredo behnickiana
Vermicularia dematium
- HAITI:**
Helminthosporium carposaprum
Phyllosticta mortoni
- HAWAII:**
Colletotrichum lagenarium
Cytospora palmicola
- HONDURAS:**
Cercospora musae
Stachyldium theobromae

Countries of origin and diseases—Continued

INDIA:

Nigrospora oryzae
Phoma zeicola
Phyllosticta laeliae
Physalospora cattleyae
Physalospora orchidearum
Physalospora wildemaniana
Rhabditis strongyloides
Scirrhodopsis bambusae
Septoria posekensis
Verticillium dahliae
Xanthomonas citri

IRELAND:

Coniothyrium fuckeli
Leptosphaeria rusci

ITALY:

Alternaria capsici-annui
Cercospora foeniculi
Fusicoccum castaneum
Leptosphaeria rusci
Leptosphaeria vinealis
Macrophomina phaseoli
Monilinia fructigena
Monilinia laxa
Phyllosticta hesperidearum
Plasmopara viticola
Pseudomonas savastanoi
Puccinia hordei
Puccinia phragmitis
Septoria citri
Stemphylium botryosum

JAMAICA:

Stachyldium theobromae

JAPAN:

Nigrospora sphaerica
Papularia sphaerosperma
Papularia vinosa
Phomopsis aucubicola
Rhabditis strongyloides

KENYA:

Oidium tenellum
Phyllosticta sorghina
Sphacelotheca sorghi

MEXICO:

Alternaria tenuissima
Alternaria zinniae
Aphelenchus avenae
Cercospora angraei
Cercospora cordiae
Cercospora hyalina
Cercospora lythracearum
Cercospora musae
Cercosporella caryigena
Cercosporella mori
Cladosporium pisicolum
Coleosporium dahliae
Coleosporium domingense
Colletotrichum agaves
Colletotrichum graminicolum
Colletotrichum nigrum
Cystospora batata
Dendryphium obstopum
Ditylenchus dipsaci
Entyloma dahliae
Gloeosporium laeliae
Gloeosporium leguminum
Graphiola phoenicis
Helminthosporium carposaprum
Helminthosporium turcicum
Kellermania yuccigena
Leptosphaeria sacchari
Macrophomina phaseoli
Marmor cucumeris
Memnoniella echinata
Microcera fujikuroi
Monilia sitophila
Monilinia fructicola
Mycosphaerella populorum
Myrothecium roridum
Omphalia flavida
Papularia vinosa
Peronospora trifoliorum
Pestalotia conspicua
Phoenicostroma chamedoreae
Phoma lingam

MEXICO—Continued,

Phoma psidii
Phyllosticta convexula
Phyllosticta laeliae
Phyllosticta sorghina
Physalospora cattleyae (?)
Physalospora latitans
Phytophthora mexicana
Phytophthora phaseoli
Plowrightia circumscissa
Puccinia cyperi
Puccinia oblecta
Puccinia oxalidis
Puccinia triannulata
Ravenelia arizonica
Rhabditella octapleura
Septoria didyma
Septoria macrospora
Sphaceloma punicea
Sphaerodopsis pringlei
Stagonospora macrospora
Stemphylium botryosum
 "Tomato pox"

Uromyces commelinae

MOROCCO:

Graphiola phoenicis
Hormodendron cladosporioides

NETHERLANDS:

Botrytis galanthina
Botrytis gladiolorum
Cercospora handellii
Ceuthospora lunata
Coniothyrium hellebori
Coryneum microstictum
Cytospora laburni
Diachea leucopodia
Diaporthe eres
Ditylenchus dipsaci
Ditylenchus iridis
Ezobasidium vaccinii
Gliomastix convoluta
Gnomonia magnoliae
Heterodera marioni
Lophodermium juniperinum
Macrophoma candollei
Mycogala parietinum
Mycosphaerella rhododendri
Nectria cinnabarina
Oidium begonia
Panagrolaimus rigidus
Papulaspora parasitica
Papulaspora rubida
Penicillium gladioli
Pestalotia annulata
Pestalotia funerea
Pestalotia macrotricha
Pestalotia rhododendri
Peziella lythri
Phoma cydonia
Phomopsis corni
Phomopsis magnolicola
Phomopsis rhois
Phomopsis rudis
Phyllosticta kalmicola
Septoria azaleae
Stagonospora curtisii
Tubercularia vulgaris
Urocystis colchici
Urocystis gladioli
Verticillium buxi
Volutella buxi

NEW GUINEA:

Diplodia cococarpa var. *malaccensis*
Ophiobolus porphyrogonus

NEW ZEALAND:

Ditylenchus dipsaci

NORWAY:

Fusarium fructigenum
Plasmodiophora brassicae

PANAMA:

Cercospora musae
Stachyldium theobromae

PERU:

Diplodia theobromae
Stemphylium botryosum

Countries of origin and diseases—Continued

PHILIPPINES:

Cercospora musae
Colletotrichum macrosporum
Eutypella cocos
Phoma citricarpa
Physalospora orchidearum
Polyporus sanguineus
Xanthomonas citri

PORTUGAL:

Coryneum beijerinckii
Diplodia theobromae (?)
Fusicoccum cinctum

PUERTO RICO:

Cerotelium desmium
Colletotrichum cajani
Diplodia theobromae
Elsinoe phaseoli
Leptosphaeria musarum
Pestalotia psidii

QUEENSLAND:

Macrophoma macadamiae

SOUTH PACIFIC:

Urocystis cepulae

SPAIN:

Cytospora nerii
Septoria citri

SWEDEN:

Physalospora cydoniae
Septoria chrysanthemi
Stemphylium ilicis
Typhula variabilis

SWITZERLAND:

Chrysomyza rhododendri

TAHITI:

Memnoniella echinata

TRINIDAD:

Diplodia epicocos
Plowrightia circumscissa

TUNISIA:

Cumminsia sanguinea

UGANDA:

Phyllachora melinicola

UNION OF SOUTH AFRICA:

Mycosphaerella tulasnei
Sclerotium rolfsii
Septoria piricola
Uromyces aloes
Uromyces betae

UNION OF SOVIET SOCIALIST REPUBLICS:

Monilinia fructigena
Sclerotium cepivorum

UNKNOWN:

Leptosphaeria tritici

VENEZUELA:

Gloeosporium cattleyae
Macrophoma oncidii
Memnoniella echinata
Pestalotia conspicua
Phyllosticta laeliae
Physalospora cattleyae
Physalospora orchidearum
Septonema spilomeum

WEST AFRICA:

Diplodia theobromae

WEST INDIES:

Diplodia theobromae

UNITED STATES DEPARTMENT OF AGRICULTURE

AGRICULTURAL RESEARCH ADMINISTRATION

BUREAU OF ENTOMOLOGY AND PLANT QUARANTINE

SERVICE AND REGULATORY ANNOUNCEMENTS

LIST OF INTERCEPTED PLANT PESTS, 1948¹

List of Pests Recorded During the Period July 1, 1947 to June 30, 1948, Inclusive, as Intercepted in, on, or with Plants and Plant Products Entering United States Territory)

INTRODUCTION

This report, covering the thirty-fifth year for which interception lists have been issued, summarizes the records of insect pests and plant pathogens found on, or with plants and plant products (1) imported, (2) offered for but refused entry, (3) held as ships' stores, etc., and hence not offered for entry through customs, (4) offered for entry for immediate export or for immediate transportation and exportation in bond, and (5) in domestic shipments between Hawaii and Puerto Rico and the mainland.

In some cases collections made late in the year are included in the report for the following year, since determinations cannot be obtained immediately for all of them. Occasionally determinations are delayed for longer periods. The data for this list are obtained from routine reports by personnel of this Bureau, supplemented by information supplied by State and Customs officials. The States of California and Florida maintain staffs of specialists who determine a large proportion of the material collected at their ports. Specialists of the Bureau of Plant Industry, Soils, and Agricultural Engineering determine many of the difficult or unusual pathogens collected at the ports.

All scientific names are reviewed by appropriate specialists in the Department to assure conformance to the international rules of nomenclature.

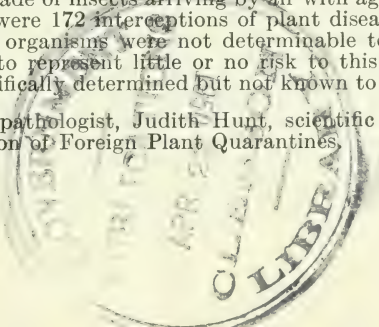
While every reasonable effort is made to give the correct origin for all collections listed, the alleged origin of host plant materials cannot be verified in all cases, and where there is reason to doubt the accuracy of the information, the questionable items are either omitted or the origin is listed as unknown.

During the period under consideration importations of plant propagative material have continued to arrive from various parts of the world in volumes exceeding those of prewar years. Many of these perishable plant importations arrived by air transportation and with them came living pests in considerable numbers. Formerly, many of these same pests perished on long sea voyages. This increased threat to the nation's plant life has necessitated increased vigilance on the part of all persons concerned. Fortunately, the personnel of both the commercial air lines and the military services continue to render excellent aid in the enforcement of plant quarantine regulations intended to reduce the air movement of potentially dangerous plant materials to a minimum.

INTERCEPTIONS FROM AIR-BORNE MATERIAL

Air-borne plant material arrives in mail, baggage, express, stores, and freight, and interceptions of plant pests from such material have been frequent. During the year 3,324 interceptions were made of insects arriving by air with agricultural material or as stowaways. There were 172 interceptions of plant diseases. Approximately half the plant disease organisms were not determinable to species, but, from the evidence, appeared to represent little or no risk to this country. A few of the disease organisms specifically determined but not known to be in the

¹ Compiled by W. H. Wheeler, pathologist, Judith Hunt, scientific aid, and P. Reagan, entomologist, Division of Foreign Plant Quarantines.



United States are, however, reported to be parasites of their hosts in foreign countries. These totals for plant disease interceptions, while not large, serve to illustrate the disease-carrying possibilities of plant materials brought to this country by air transportation. Some of the most important insects intercepted during the year were taken from host fruits and plants arriving by plane. In fact, planes are becoming the most frequent source of interception of certain notoriously destructive pests, particularly fruit flies.

Among the more important insects found in air-borne material were: The citrus blackfly (*Aleurocanthus woglumi*) on breadfruit in baggage from Jamaica; *Bryophyllum* sp. in baggage from Bermuda, and on lime leaf in baggage from Cuba; the whitefly *Aleurothrixus myrtacei* on gardenia in baggage from Cuba; *Aleurothrixus trachoides* on leaf of bay-rum tree in baggage from the Bahamas; *Anastrepha fraterculus* in orange in baggage from Brazil, and *A. fraterculus* (?) in guava in baggage from Colombia; the Mexican fruit fly (*A. ludens*) in mango and orange in baggage from Guatemala and Mexico, and in orange in quarters from Mexico; the West Indian fruit fly (*A. mombinpraepotans*) in guava in baggage from Aruba and Puerto Rico, in *Ilex glabra* (gallberry) in baggage from Jamaica, in Malay-apple in baggage from the Dominican Republic, in mango in baggage from the Dominican Republic, Guatemala, Jamaica, Mexico, Nicaragua, Panama, Puerto Rico, Salvador, and Trinidad, in mango in cargo from Jamaica, in rose-apple in baggage from Jamaica, and in yellow mombin in baggage from Cuba, Nicaragua, Puerto Rico, and Salvador; *A. serpentina* in mamey in baggage from Salvador, in sapodilla in baggage from Mexico, Nicaragua, and Venezuela, and *A. serpentina* (?) in sapodilla in baggage from Costa Rica and in mamey in baggage from Salvador; *A. strictus* in guava in baggage from Costa Rica and Mexico; *A. suspensa* in guava in baggage from Puerto Rico, pupae and empty pupae cases of *A. suspensa* in soil in baggage from the Dominican Republic, and *A. suspensa* (?) in guava in baggage from Cuba; the Mediterranean fruit fly (*Ceratitis capitata*) in fig in baggage from Italy, Palestine, and Portugal, in grape in stores from Portugal, in mango in baggage from Italy and Portugal, in orange in cargo from Algeria, in peach in baggage from Italy, in peach in stores from Portugal, in peach in cargo from the Union of South Africa, in persimmon in baggage from Italy, in plum in stores from Portugal, in ponderosa lemon in baggage from Spain, in pricklypear in baggage from Italy, in quince in baggage from France, Greece, and Italy, in tangerine in baggage from Palestine and Portugal, in tangerine in quarters from Portugal, and in tangerine in stores from Italy, Portugal, and Spain, and *C. capitata* (?) in apple in baggage of origin unknown, in avocado in stores from Australia, in grape in cargo from the Union of South Africa, and in pear in stores from Portugal; *C. rosa* in peach in cargo from the Union of South Africa; *Cylas formicarius* var. in sweetpotato in cargo from Siam; the olive fruit fly (*Dacus oleae*) in olive in baggage from the Azores, Greece, Italy, Portugal, and Spain; the rhododendron whitefly (*Dialeurodes chittendeni*) on leaf of rhododendron in express from England; the West Indian sweetpotato weevil (*Euscepes postfasciatus*) in sweetpotato in baggage from Puerto Rico; the Argentine ant (*Iridomyrmex humilis*) on chrysanthemum in baggage and on plum in stores from Portugal, and in soil around unidentified bulbs and plants in baggage from the Azores; *Kalotermes marginipennis* in suitcase in baggage from Guatemala; East Indian bean pod borer (*Maruca testulalis*) in pigeonpea and string bean in baggage from Puerto Rico and in string bean in cargo from New Zealand; *Monomorium destructor* on *Cattleya* sp. in baggage from Jamaica; the pink bollworm (*Pectinophora gossypiella*) in gin motes in cargo from Brazil, in cottonseed in mail from Hawaii and in baggage from Venezuela; *Rhagoletis cerasi* in cherry in baggage from Czechoslovakia, France, Italy, and Switzerland, and in stores from Portugal.

The more important plant disease organisms found on air-borne material, not believed to be established in the United States, were *Ascochyta citri* on orange in baggage from Italy and the Azores, *A. decipiens* on snapdragon in baggage from England, *Cercospora angraeci* on odontoglossum orchid in express from France, *Coleosporium dahliae* on dahlia in baggage from Mexico, *Coniothyrium diploidiellum* on rose in express from France, *Cytospora lirella* on bamboo in cargo from Mexico, *Elsinoe phaseoli* on lima bean in baggage and cargo from Puerto Rico, *Gloeosporium olivarum* on olive in baggage from Italy, *Phyllosticta cymbidii* on cymbidium orchid in baggage from Japan; *P. odontoglossi* on stanhopea orchids in baggage and cargo from Panama and Costa Rica, *Stagonospora ilicis* on English holly in baggage from England, *Uredo behnickiana* on laelia orchid in cargo from Mexico, and *U. scabies* on vanilla orchid in baggage from Nicaragua.

NOTES ON INSECTS INTERCEPTED

FRUIT FLIES

Anastrepha fraterculus was intercepted in grapefruit from Brazil and in orange from Argentina and Brazil, and *A. fraterculus* (?) in guava from Colombia and in orange from Brazil and Colombia. The Mexican fruit fly (*A. ludens*) was taken in apple, avocado, grapefruit, mango, orange, peach, pear, quince, sapote, sweet lime, undetermined seed, white sapote, and on an open deck near garbage from Mexico, in grapefruit from British Honduras, and in mango and orange from Guatemala. *A. ludens* (?) was found in mango and in orange from Mexico. The West Indian fruit fly (*A. mombinpraeoptans*) was intercepted in guava from Aruba, Cuba, and Puerto Rico, in gallberry (*Ilex glabra*) and rose-apple from Jamaica, in Malay-apple from the Dominican Republic, in mango from the Bahamas, Cuba, the Dominican Republic, Guatemala, Haiti, Honduras, Jamaica, Mexico, Nicaragua, Panama, Puerto Rico, Salvador, and Trinidad, in *Spondias* sp. from Nicaragua, and in yellow mombin from Cuba, Nicaragua, Puerto Rico, and Salvador, and *A. mombinpraeoptans* (?) in guava from Puerto Rico, in mango from the Canal Zone, Honduras, Mexico, Puerto Rico, and Salvador, and in yellow mombin from Salvador. *A. serpentina* was taken in mamey from Mexico and Salvador, in sapote from Salvador, and in sapodilla from Guatemala, Honduras, Mexico, Nicaragua, and Venezuela, and *A. serpentina* (?) in mamey from Salvador, and in sapodilla from Costa Rica and Venezuela. *A. striata* was found in guava from Costa Rica, Honduras, and Mexico. *A. suspensa* was taken in guava from Cuba and Puerto Rico, and in soil from the Dominican Republic. The Mediterranean fruit fly (*Ceratitis capitata*) was intercepted in apple from Argentina and Italy, in apricot from Algeria (?), in fig from the Azores, Bermuda, Italy, Palestine, and Portugal, in grape from Argentina, Portugal, and the Union of South Africa, in grapefruit from Australia, Brazil, Egypt, and Italy, in loquat from Bermuda and Italy, in mango from Egypt and Hawaii, in orange from Algeria, Argentina, Australia, Brazil, Egypt, Gold Coast, Italy, Palestine, Portugal, Spain, and Syria, in peach from Italy, Morocco, Portugal, and the Union of South Africa, in plum from Portugal, in persimmon and prickly-pear from Italy, in ponderosa lemon from Spain, in pummelo and sweet bell red pepper from Hawaii, in quince from France, Greece, Italy, and Spain, and in tangerine from Algeria, Italy, Palestine, Portugal, and Spain, and *C. capitata* (?) in avocado from Australia and Hawaii, in grape from Argentina and the Union of South Africa, in orange from France, India, Italy (?), and Spain, in pear and plum from Portugal, and in sweet lime from the Azores, in tangerine from the Azores, Italy, and Portugal, and in tomato from Hawaii. *Ceratitis rosa* was found in peach from the Union of South Africa. The melon fly (*Dacus cucurbitae*) was found in cucumber, squash, string bean, sweet bell red pepper, and tomato from Hawaii. The oriental fruit fly (*Dacus dorsalis*) was intercepted in avocado, banana, guava, longan, mango, and papaya from Hawaii, and in mango from the Philippines; and *D. dorsalis* (?) in banana, immature green coconut, and mango from Hawaii. The olive fruit fly (*Dacus oleae*) was taken in olive from the Azores, Greece, Italy, and Portugal. The celery fly (*Euleia heraclei*) was found in celery from England and Ireland, in celeriac from Denmark, and in parsley from France. *Rhagoletis alternata* was intercepted in hips of *Rosa canina* from Sweden. *R. cerasi* was taken in cherry from Czechoslovakia, France, Italy, Portugal, and Switzerland. The apple maggot (*R. pomonella*) was intercepted in apple from Mexico, and *R. pomonella* (?) in apple and thornapple from Mexico. *R. striatella* (?) was taken in husk tomato from Mexico.

INSECTS OTHER THAN FRUIT FLIES

An eriophyid mite, *Aceria tulipae*, was taken on garlic from Mexico. The citrus blackfly (*Aleurocanthus woglumi*) was intercepted on breadfruit leaf from Jamaica, on leaf of *Bryophyllum* sp. from Bermuda, on leaves of *Citrus* sp., orange, and sour lime from Mexico, and leaf of sour lime from Cuba. *Aleurothrixus myrtacei* (Aleyrodidae) was found on gardenia in baggage from Cuba. A curculionid, *Brachyrhinus porcatus*, was taken on turnip from Norway, and *B. sulcatus* (black vine weevil) was intercepted in dahlia tuber from Canada. Two curculionids, *Brachymerus albidentatus* and *B. algerius*, were taken in garlic from Italy. *Bruchidius incarnatus* (Bruchidae), a serious pest, was taken in vetch from Italy. A chrysomelid, *Cassida nebulosa*, recorded as a pest of beets, lambsquarters, and related plants, was taken with moss and forest litter around rhododendron shrubs from the Netherlands. The Asiatic rice borer (*Chilo simplex*) was intercepted in rice straw from China and in service mail arriving at San Francisco,

Calif. *Coptotermes formosanus* (a very injurious termite) was taken with water nuts from China. The banana root borer (*Cosmopolites sordidus*) was found in banana root from Guatemala. *Cylas formicarius* was intercepted in sweet potato from the Philippines and the Straits Settlements; and *C. puncticollis* in sweetpotato from Mozambique and Sierra Leone. *Epicaerus cognatus* (Curculionidae) was found in potato and in *Solanum* sp. (wild) from Mexico. The oriental fruit moth (*Grapholitha molesta*) was taken in apple from Japan, in apricot from Italy, and in peach from unknown origin. *Monomorium destructor*, an important economic ant, probably capable of becoming established in the warmer sections of the United States, was intercepted on *Cattleya* sp. plant from Jamaica. The pink bollworm (*Pectinophora gossypiella*) was intercepted in cottonseed from Brazil, British West Indies, Hawaii, Italy, Mexico, St. Kitts, and Venezuela, in cotton boll from Hawaii and Italy, in gin motes from Brazil, in seed cotton from Egypt, and in okra from Cyprus, Dominican Republic, and Puerto Rico. A chrysomelid, *Phyllotreta undulata*, a European species not known to be established in the United States, was found on shrubs from the Netherlands. *Premnotrypes vorax* (Curculionidae) was taken in potato from Ecuador.

SNAILS

Salvaged military equipment was on four occasions found to be contaminated with living giant African snails (*Achatina fulica*). Two of the interceptions were made at San Francisco, Calif., on material from Guam and the Marianas, and two at San Pedro, Calif., on material from the Marianas.

Other interceptions of snails, not known to occur on the mainland of the United States and injurious to agriculture, included *Bradybaena similis* which was found at Philadelphia, Pa., among string beans from Bermuda, and *Lemellaxis* sp. which was taken at San Diego, Calif., in soil around a potted plant from Algeria.

Correction.—On page 22 of the List of Intercepted Plant Pests for 1947 is found the name *Gnaphalocrocis medinalis* (Guen.), which should have been spelled *Cnaphalocrocis medinalis* and thus would correctly appear on page 15.

NOTES ON DISEASES INTERCEPTED

With reduction in maritime traffic between this country and India and Ceylon, following the end of the recent world conflict, interceptions of citrus canker (*Xanthomonas citri*) have fallen off. In spite of this, India, for the third year, contributed the largest number of interceptions of the disease. The Philippines followed in second place. A disease interception of considerable significance to a well-known material of commerce was a rust, *Uredo scabiei*, of the vanilla orchid brought in by an air traveler from Nicaragua. The vanilla cuttings, collected in the wilds of that country, were intended for direct movement from the United States port of entry to Puerto Rico where they were expected to contribute to the vanilla industry of that island. The interception of the rust represents the first record of its occurrence north of South America. A second disease representing a threat to the citrus groves of this country, the sweet orange scab (*Elsinoe australis*), was taken five times on lemon from Argentina, Brazil, and Paraguay, seven times on sweet orange from Argentina and Brazil, and once on an unidentified citrus fruit from Brazil. A second rust of interest, *Coleosporium senecionis*, was intercepted from Argentina on the composite plant *Senecio deferens*. Pines are the alternate hosts of this pathogen and in some parts of the world suffer serious injury from its attack.

Other diseases worthy of note were a stem fungus, *Ascochyta decipiens*, of snapdragon from England; a leaf-infecting fungus, *A. fraxini*, of ash from Italy; the banana leaf spot (*Cercospora musae*) from various countries where it is known; a rust fungus, *Coleosporium dahliae*, of dahlia from Mexico; the black scale fungus (*Colletotrichum lilii*) of various species of lily bulbs from Australia, China, India, and Japan; a virulent wound parasite, *Cryptospora longispora*, of pine from New Zealand; the lima bean scab fungus (*Elsinoe phaseoli*) from Puerto Rico; the spot anthracnose fungus (*Elsinoe piri*) on pear from the Union of Soviet Socialist Republics; a fruit-rotting fungus, *Helminthosporium carposaprum*, of pepper and tomatoes from Mexico; a leaf-rotting fungus, *Heteropateella vattelinensis*, of carnation from Canada; a brown rot fungus, *Monilinia fructigena*, of apple from Sweden; a leaf blight fungus, *Mycosphaerella hondai*, of rice from China and Japan; citrus black spot (*Phoma citricarpa*) from Australia, China, India, Spain, and the Union of South Africa, on various citrus fruits including lemon, grapefruit, mandarin orange, and sweet orange; a stem canker fungus, *Phomopsis magnoliae*, on magnolia from the Netherlands; a leaf fungus, *Phyllachora balansae*, on *Cedrela* sp.

from Panama; a leaf fungus, *Phyllachora cynodontis*, of Bermuda grass from India; a branch knot-forming fungus, *Plowrightia virgultorum*, on European white birch from Sweden; a rust fungus, *Puccinia longicornis*, on bamboo from China; a twig fungus, *Sclerotinia kernerii*, on silver fir from Germany; a leaf spot fungus, *Septoria arethusa*, on lemon from Argentina; a leaf blotch fungus, *Septoria cercosporioides*, on chrysanthemum from Mexico; a leaf blotch fungus, *Septoria posekensis*, on cymbidium and cypripedium orchids from India; the Australian citrus scab fungus (*Sphaceloma fawcettii scabiosa*) on lemon from Australia; a smut fungus, *Sphacelotheca trachypogonis*, of crinkleawn grass from Brazil; a rust fungus, *Sphenospora kevorkianii*, on stanhoepia orchid from Ecuador; a rust fungus, *Thecopsora areolata*, on the European birdcherry from Finland; a rust fungus, *Uredo ignava*, on bamboo from China, and an unknown source; a rust fungus, *Uromyces bacumerianus*, on sweet clover from Egypt; and a smut fungus, *Ustilago kenjiana*, on sorghum from Arabia.

Nematodes of interest for the year were *Aphelenchoides bicaudatus* in dasheen tubers from Cyprus; *A. parietinus* in lily bulb from England; *A. ritzemabosi* in garlic from Mexico; *A. subterraneus* in narcissus bulb from the Netherlands; *Ditylenchus dipsaci* in garlic from Mexico, colchicum from the Netherlands, narcissus from England, and Star-of-Bethlehem from the Netherlands; *D. iridis* in colchicum, crocus, iris, and tigridia from the Netherlands, and in iris from England; and *Pratylenchus scribneri* in potato tubers from Mexico.

Of the 1,157 species of pathogens or other organisms listed in the table, 60 were new to the interception files. Interceptions of the other 1,097 pathogens showed 117 new countries of origin and 102 new hosts.

COMMON PESTS INTERCEPTED

Beginning with the year covered by this report the keeping of records on the various insects and plant diseases reported under this heading has been discontinued. Those insects and diseases were, in nearly all instances, widely distributed in the regions in this country favorable to their existence, and in many cases the interception records compiled through the years showed the same pests to be of almost universal occurrence in countries from which certain plants and plant products come to this country. The discontinuance of the records on these common pests considerably reduces the total number of pests reported in the list, but it is believed this compilation will be of even more use in its present form.

INCOMPLETELY DETERMINED PESTS

Frequently inspectors find insects or pathogens affecting plant material in such a stage or condition that complete and accurate determination is impracticable or impossible. Some of these insects and pathogens are without doubt new to science, and may be destructive pests. The notes below are given to show the general nature of such incompletely determined interceptions.

INSECTS

Among the incompletely determined insects intercepted were the following fruit flies: *Anastrepha* sp., probably *fraterculus*, at New York, N. Y., in grapefruit in stores from Brazil, at Baltimore, Md., in orange in quarters and stores from Brazil, at Mobile, Ala., in baggage from Brazil, at New York in stores from Brazil, at Miami, Fla., in coffee berries in baggage from Colombia, and at the National Airport, Arlington, Va., in guava in baggage from Peru; *Anastrepha* sp., probably *mombinpraeoptans*, at New York in guava in baggage from Puerto Rico, at New Orleans, La., in mango in baggage from Guatemala, at Galveston, Tex., in mango in quarters from Guatemala, at Brownsville, Tex., in mango in express from Salvador, and at El Paso, Tex., in mango in baggage from Salvador; *Anastrepha* sp., probably *serpentina*, at New Orleans, La., in sapodilla in baggage from Venezuela; *Anastrepha* sp., possibly *striata*, at Laredo, Tex., in guava in baggage from Mexico; *Anastrepha* sp., probably *suspensa*, at Miami, Fla., in guava in baggage from Puerto Rico, and at New York in paper wrapping of guavas, cashew, and gooseberries in stores from the Dominican Republic; *Anastrepha* sp. at New Orleans, La., in sapodilla in baggage from Costa Rica and in almond and orange in quarters from Guatemala, at New York in sapodilla in baggage from Puerto Rico, in grapefruit and orange in stores and in peach and guava in baggage from Brazil, in mango in baggage from Dutch Guiana and Guatemala, in *Spondias* sp. in baggage from Trinidad, in guava in baggage and mail from Puerto Rico and in guava in baggage from Venezuela, at San Antonio,

Tex., in mango in baggage from Guatemala, at Charleston, S. C., in guava in baggage from Dutch Guiana, at Brownsville, Tex., mango and quince in baggage from Mexico, at Miami, Fla., in genip and quince in baggage from Peru and in mango in baggage from Colombia and Jamaica, at the National Airport, Arlington, Va., in orange in baggage from Brazil, at San Juan, P. R., in orange in baggage from Brazil, at Seattle, Wash., in mango in stores from Peru, at Boston, Mass., in orange in stores from Brazil, at El Paso, Tex., in mango and guava in baggage from Mexico and in guava in baggage from Salvador, at Baltimore, Md., in orange in stores and in plum in quarters from Brazil and in grapefruit in stores from Trinidad, at Mobile, Ala., in orange in baggage from Brazil, at Galveston, Tex., in orange in stores and quarters from Brazil, at Philadelphia, Pa., in pummelo in stores from Brazil and in grapefruit in stores from Argentina; probably *Anastrepha* sp. at Norfolk, Va., in orange in stores from Argentina, and a pupa of *Anastrepha* sp. in a bag of fruit from British Honduras; *Ceratitidis* sp. at New York in orange in stores, and in grape in cargo from the Union of South Africa; *Ceratitidis* sp. (?) at New York in apple in stores from the Union of South Africa; *Dacus* sp. at New York in cucumber in stores from the Union of South Africa; *Dacus* sp. (?) at Honolulu, T. H., in fruit of *Ficus* sp. in baggage from the Philippines and in mango in baggage from India; *Rhagoletis* sp. at Hidalgo, Tex., in black walnut in baggage, at El Paso, Tex., in *Lycium berlandieri* and *Lycium* sp. in baggage from Mexico; *Rhagoletis* sp. (?) at Washington, D. C., in fruit of *Solanum* sp. in mail from Mexico. Eight interceptions which could not be identified beyond family (Tephritidae) were taken at Boston, Mass., in coconut in baggage from Liberia, at El Paso, Tex., in *Lycium* sp. in baggage from Mexico, at San Pedro, Calif., in coffee berry in baggage from Hawaii, and at New York in orange in stores from Brazil and in grape in cargo from Argentina.

The following miscellaneous insects of special interest were intercepted: *Aleurocanthus* sp. (Aleyrodidae), apparently undescribed, on bamboo leaf in stores from India or China; Aleurodicinae (Aleyrodidae), new genus and new species, near *Aleurodicus*, at Laredo, Tex., on *Laelia majalis* and *Laelia* sp. from Mexico; *Aleuroplatus* sp., near *variegatus* Q. & B., (Aleyrodidae) at San Francisco, Calif., on *Philodendron* sp. in air express from Guatemala; *Aleurotrachelus* sp. (Aleyrodidae), apparently undescribed, at Miami, Fla., on *Anthurium* sp. leaf in cargo from Colombia; *Aximogastra* (new) sp. (Eurytomidae) at Laredo, Tex., on orchid and philodendron in cargo from Mexico; probably an undescribed coccid, *Conchaspis* sp., at Hoboken, N. J., on *Xylobium* sp. (orchid) in mail from the Canal Zone; two curculionids, *Conotrachelus* sp., near *carinifer* Csy., and *Conotrachelus* sp., near *naso* Lec., at Brownsville, Tex., on *Laelia* sp. in cargo from Mexico; *Hololepta* sp. (Histeridae), not native to the United States, at Brownsville, Tex., on *Laelia majalis* in cargo from Mexico; *Leptispa* sp., probably *godwini* Baly (Chrysomelidae), probably capable of becoming a pest in this country if it could establish itself on a suitable host, at New York on bamboo in stores from India or China; *Meibomeus* sp. (Bruchidae), probably new species, at Washington, D. C., in *Desmodium* sp. in mail from Argentina; *Parallelodiplosis* sp. (Itonididae) at Brownsville, Tex., on orchid plant in cargo from Salvador; probably an undescribed species of *Stephanoderes* sp. (Scolytidae) at Nogales, Ariz., in *Acacia cochliacantha* in baggage from Mexico; an interesting and rare mite, *Zercon* sp., at Hoboken, N. J., on magnolia branch in cargo from the Netherlands.

There were 3,559 interceptions distributed among 852 genera, which could be identified to genus only. A total of 111 could be determined to family only.

A total of 3,670 incompletely determined insects were intercepted during the year.

DISEASES

Among the incompletely determined plant disease organisms collected from incoming material during the year were *Cercospora* sp. on euonymus from Japan; *Cercospora* sp. on avocado from Mexico; *Curvularia* sp. on onion from Mexico; *Cytospora* sp. on camellia from Australia; *Cylindrosporium* sp. on rose from the Netherlands; *Gnomonia* sp. on willow from England; *Graphiola* sp. on palm from the Fiji Islands; *Helminthosporium* sp. on rice from China, and Japan; *Helminthosporium* sp. on rye from India; "Leprosis" on sweet orange from Mexico; *Pestalotia* sp. on sorghum from Liberia; *Ozonium* sp. on licorice stem from Turkey; *Phoma* sp. on sweet orange from Brazil; *Phoma* sp. on apple from Greece; *Phyllachora* sp. on grass from China; *Phyllosticta* sp. on lily bulb from Australia; *Phyllosticta* sp. on narcissus from Ireland; *Phyllosticta* sp. on avocado from Mexico; *Septoria* sp. on anthurium from Belgium; *Sphaeropsis* sp. on lemon from Italy, and *Sphenospora* sp. on *Odontoglossum cervantes* (orchid) from Mexico.

Nematode interceptions of interest were *Aphelenchoides* sp. in lily bulbs from Mexico and the Netherlands; *Aphelenchoides* sp. in potato tuber from Mexico; *Aphelenchoides* sp. in roots of unidentified vine growing on war equipment returned from Okinawa; *Aphelenchus* sp. in garlic and onion from Mexico; *Metatylenchus* sp. in potato tuber from Mexico; *Pratylenchus* sp. and *Tylenchus* sp. in dasheen tuber from Cyprus; *Tylenchus* sp. in soil with orchid from British Guiana; and *Tylenchus* sp. in potato from France.

A total of 285 incompletely determined pathogens were recorded during the year.

Geographic summary of interceptions listed in main table and interception totals

Country	Insect	Disease	Country	Insect	Disease
	Number	Number		Number	Number
Algeria	3	0	Union of Soviet Socialist Republics	0	3
Anglo-Egyptian Sudan	1	0	Wales	1	0
Belgian Congo	1	0	North America:		
Cameroons	2	0	Bermuda	9	7
Canary Islands	0	1	Canada	9	5
East Africa	1	0	British Columbia	0	1
Egypt	9	2	Central America	2	0
French Equatorial Africa	2	0	British Honduras	6	0
French West Africa	1	0	Canal Zone	46	4
Gold Coast	5	0	Costa Rica	96	43
Liberia	0	1	Guatemala	56	46
Morocco	3	3	Honduras	17	7
Mozambique	1	0	Nicaragua	12	5
Pretoria	0	1	Panama	17	10
Sierra Leone	4	0	Salvador	28	0
Tunisia	0	2	Mexico	1,273	172
Union of South Africa	12	3	West Indies:		
Arabia	0	1	Aruba	1	0
China	13	64	Bahamas	17	0
Cyprus	3	1	Barbados	6	0
Formosa	1	0	British West Indies	4	0
India	33	37	Cuba	44	17
Iran	1	0	Curacao	2	0
Iraq	1	0	Dominica	1	2
Japan	59	27	Dominican Republic	10	7
Korea	1	0	Haiti	7	1
Lebanon	3	0	Jamaica	31	0
Malaysia	1	1	Leeward Islands	2	0
Palestine	7	0	Martinique	1	0
Siam	3	0	Montserrat	1	0
Straits Settlements	2	0	Puerto Rico	226	4
Syria	1	0	St. Kitts	2	0
Australasia:			St. Lucia	0	1
Australia	13	10	St. Vincent	2	0
Guam	14	1	Trinidad	15	2
Hawaii	137	1	Virgin Islands	9	0
Marianas	4	0	South America:		
New Zealand	1	6	Argentina	78	10
Okinawa	0	2	Brazil	77	16
Philippines	48	3	British Guiana	8	0
Saipan	1	0	Chile	4	1
South Pacific	1	0	Colombia	69	3
Tahiti	5	0	Ecuador	4	7
Europe:			French Guiana	1	1
Azores	9	5	Netherlands Guiana	2	2
Belgium	19	20	Paraguay	0	1
Czechoslovakia	2	0	Peru	7	1
Denmark	4	0	Venezuela	136	2
England	58	13	Total:		
Finland	2	2	Africa	45	13
France	32	9	Asia	129	131
Germany	19	2	Australasia	224	23
Greece	3	2	Europe	573	611
Hungary	2	0	North America	1,953	334
Ireland	5	2	South America	386	44
Italy	257	18	Unknown	21	1
Netherlands	79	521	Total	3,331	1,157
North Ireland	1	0	Total incompletely determined pests, pp. 6, 7	3,670	285
Norway	4	1	Total insect interceptions	7,001	
Poland	1	0	Total disease interceptions		1,432
Portugal	45	7	Grand total		8,433
Scotland	1	0			
Spain	10	3			
Sweden	13	3			
Switzerland	4	0			
Turkey	2	0			

NOTE.—In addition to the countries named above, interceptions were made from Antigua, Austria, Bavia, Bikini Island, Ceylon, Christmas Island, Fiji Islands, Gibraltar, Java, Kwajalein Island, Madagascar, Madeira Islands, Manu Island, Midway Island, Nova Scotia, Solomon Islands, Spanish Morocco, Siam, Tasmania, Transvaal, Uruguay, West Africa, and Yugoslavia.

List of pests (insects) collected and reported from July 1, 1947 to June 30, 1948 inclusive

[An asterisk indicates State inspection]

Insect and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
<i>Acalypta mera</i> Drake (Tingidae):					
<i>Primula</i> sp.	Canada			1	Wash.
<i>Acalypta musci</i> (Schrank) (Tingidae):					
<i>Crataegus</i> sp.	Germany			1	N. J.
<i>Acalypta nyctalis</i> Drake (Tingidae):					
<i>Dryopteris</i> sp. (fern)	Canada	1			Mass.
<i>Acalypta platychila</i> (Fieb.) (Tingidae):					
<i>Lavandula</i> sp.	England			1	N. J.
<i>Acanthoderes circumflexa</i> Duv. (Cerambycidae):					
Wooden slats	Mexico	1			Tex.
<i>Acanthoscelides armilatus</i> (Pic.) (Bruchidae):					
<i>Cajanus cajan</i> (pigeonpea)	Canal Zone, St. Vincent	3			Ala., N. Y.
<i>Phaseolus</i> sp. (bean)	Argentina			1	D. C.
<i>Acanthoscelides quadridentatus</i> (Schaeff.) (Bruchidae):					
<i>Rosa</i> sp.	Mexico	1			Tex.
<i>Aceria tulipae</i> (Keif.) (Eriophyidae):					
<i>Allium sativum</i> (garlic)	do	1			Ariz.
<i>Achatina fulica</i> (Fer.) (Mollusca):					
Returned military equipment	Guam, Marianas	4			Calif.*
<i>Acroleucus vicinalis</i> Dist. (Lygaeidae):					
<i>Laelia</i> sp. (orchid)	do			1	Tex.
Orchid	do			6	Tex.
<i>Acrolophus superstes</i> Wlsm. (Acrolophidae):					
Orchid	Mexico			1	Tex.
<i>Agroiconota propinqua</i> (Boh.) (Chrysomelidae):					
Bean	do	1			Ariz.
<i>Agromyza virens</i> Loew (Agromyzidae):					
<i>Phaseolus vulgaris</i> var. (string bean)	do	7			Ariz.
<i>Alcaeorrhynchus grandis</i> (Dallas) (Pentatomidae):					
Orchid	do			1	Tex.
<i>Aleurocanthus woglumi</i> Ashby (Aleyrodidae):					
<i>Artocarpus altilis</i> (breadfruit)	Jamaica	1			Fla.*
<i>Bryophyllum</i> sp.	Bermuda			1	Mass.
<i>Citrus aurantifolia</i> (sour lime)	Cuba, Mexico	12			Ariz., Calif.
<i>Citrus sinensis</i> (orange)	Mexico	3			Ariz., Tex.
<i>Citrus</i> sp.	do	3			Ariz., Tex.
<i>Gardenia augusta</i> (gardenia)	do			1	Ariz.
<i>Aleuroglandulus emmae</i> Russell (Aleyrodidae):					
<i>Persea americana drymifolia</i> (?)	do	1			Ariz.
<i>Aleuroparadoxus gardeniae</i> Russell (Aleyrodidae):					
<i>Gardenia augusta</i> (gardenia)	do	1			Ariz.
<i>Aleurothrixus floccosus</i> (Mask.) (Aleyrodidae):					
<i>Citrus</i> sp.	Puerto Rico	1			Fla.*
<i>Aleurothrixus myrtacei</i> Bondar (Aleyrodidae):					
<i>Gardenia augusta</i> (gardenia)	Cuba	1			Fla.*
<i>Aleurotrachelus citri</i> Priesner & Hosny (Aleyrodidae):					
<i>Citrus sinensis</i> (orange)	Palestine		1		Calif.*
<i>Aleurotrachelus trachoides</i> (Back) (Aleyrodidae):					
<i>Pimenta racemosa</i> (bay-rum tree)	Bahamas			1	Fla.
<i>Aleurotuberculatus aucubae</i> (Kuwana) (Aleyrodidae):					
<i>Citrus</i> sp.	Japan			1	Wash.
Plant	do			1	Wash.
<i>Algarobius prosopis</i> (Lec.) (Bruchidae):					
<i>Prosopis</i> sp. (mesquite)	Mexico	1			Tex.
<i>Allantus cinctus</i> (L.) (Tenthredinidae):					
<i>Kerria japonica</i> (kerria)	Netherlands			1	N. J.
<i>Rosa multiflora</i> (Japanese rose)	do			2	N. Y.
<i>Rosa</i> sp. (rose)	England, Netherlands	1		1	N. J., N. Y.
<i>Alpheias conspirata</i> Hein. (Galleriidae):					
<i>Ananas comosus</i> (pineapple)	Mexico	20			Tex.
Orchid	do			1	Tex.
<i>Amorbia emigratella</i> Busck (Tortricidae):					
<i>Chrysanthemum</i> sp.	do	1			Tex.

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Insect and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
<i>Amphicerus cornutus</i> (Pallas) (Bostrichidae):					
Bamboo.....	do.....	1			Mass.
<i>Spondias</i> sp. (?).....	Venezuela.....	2			N. Y.
Wood.....	Mexico.....	3			Ariz.
<i>Amyssonotum rastratum flexum</i> McA. & Mall. (Pentatomidae):					
<i>Cattleya</i> sp. (orchid).....	Canal Zone.....			1	Tex.
Wooden slat.....	Mexico.....	1			Tex.
<i>Anastrepha fraterculus</i> (Wied.) (Tephritidae):					
<i>Citrus paradisi</i> (grapefruit).....	Brazil.....		1		N. Y.
<i>Citrus sinensis</i> (orange).....	Argentina, Brazil.....	1	1		Ala., La.
<i>Anastrepha fraterculus</i> (Wied.) (?) (Tephritidae):					
<i>Citrus sinensis</i> (orange).....	Brazil, Colombia.....		2		Ala., La.
<i>Psidium guajava</i> (guava).....	Colombia.....	1			Fla.*
<i>Anastrepha ludens</i> (Loew) (Tephritidae):					
<i>Casimiroa edulis</i> (white sapote).....	Mexico.....	1			Tex.
<i>Citrus aurantifolia</i> (sweet lime).....	do.....	10			Tex.
<i>Citrus paradisi</i> (grapefruit).....	British Honduras, Mexico.....	14	3		Tex.
<i>Citrus sinensis</i> (orange).....	Guatemala, Mexico, Unknown.....	91	20		Ill., La., N. Y., Tex.
<i>Cydonia oblonga</i> (quince).....	Mexico.....	1			Tex.
<i>Malus sylvestris</i> (apple).....	do.....	4			Tex.
<i>Mangifera indica</i> (mango).....	Guatemala, Mexico.....	38	3		Ariz., Calif.,* La., Tex.
<i>Persea americana</i> (avocado).....	Mexico.....	4			Tex.
<i>Prunus persica</i> (peach).....	do.....	1			Tex.
<i>Pyrus communis</i> (pear).....	do.....	7			Tex.
Sapote.....	do.....		1		Tex.
Seed.....	do.....	1			Tex.
On open deck near garbage.....	do.....		1		Tex.
<i>Anastrepha ludens</i> (Loew) (?) (Tephritidae):					
<i>Citrus sinensis</i> (orange).....	do.....	1	1		Tex.
<i>Mangifera indica</i> (mango).....	do.....	2			Tex.
<i>Anastrepha mombinpraepotans</i> Sein (Tephritidae):					
<i>Eugenia jambos</i> (rose-apple).....	Jamaica.....	1			Fla.*
<i>Eugenia malaccensis</i> (Malay-apple).....	Dominican Republic.....	1			P. R.
<i>Ilex glabra</i> (gallberry).....	Jamaica.....	1			Fla.*
<i>Mangifera indica</i> (mango).....	Bahamas, Cuba, Dominican Republic, Guatemala, Haiti, Honduras, Jamaica, Mexico, Nicaragua, Panama, Puerto Rico, Salvador, and Trinidad.....	156	8		Calif.,* Fla.,* La., N. Y., Md., Pa., P. R., Tex., Va.
<i>Psidium guajava</i> (guava).....	Aruba, Cuba, Puerto Rico.....	29	1		Fla.,* N. Y., Pa., S. C., Va.
<i>Spondias mombin</i> (yellow mombin).....	Cuba, Nicaragua, Puerto Rico, Salvador.....	9			Calif.,* Fla., La., N. Y., Pa., Tex.
<i>Spondias</i> sp. (mombin).....	Nicaragua.....	1			La.
<i>Anastrepha mombinpraepotans</i> Sein (?) (Tephritidae):					
<i>Mangifera indica</i> (mango).....	Canal Zone, Honduras, Mexico, Puerto Rico, Salvador.....	8			Ala., Calif. La., N. Y., Tex.
<i>Psidium guajava</i> (guava).....	Puerto Rico.....	1			N. Y.
<i>Spondias mombin</i> (jobo).....	Salvador.....	1			Tex.
<i>Anastrepha serpentina</i> (Wied.) (Tephritidae):					
<i>Achras zapota</i> (sapodilla).....	Guatemala, Honduras, Mexico, Nicaragua, Venezuela.....	6	1		Calif.,* La., N. Y.
<i>Calocarpum sapota</i> (sapote).....	Salvador.....	1			La.
<i>Mammea americana</i> (mamey).....	Mexico, Salvador.....	4			Tex.
<i>Anastrepha serpentina</i> (Wied.) (?) (Tephritidae):					
<i>Achras zapota</i> (sapodilla).....	Costa Rica, Venezuela.....	4			La.
<i>Calocarpum sapota</i> (sapote).....	Unknown.....	1			N. Y.
<i>Mammea americana</i> (mamey).....	Salvador.....	1			Tex.
<i>Anastrepha striata</i> Schiner (Tephritidae):					
<i>Psidium guajava</i> (guava).....	Costa Rica, Honduras, Mexico.....	3	1		Ariz., La.

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<i>Anastrepha suspensa</i> (Loew) (Tephritidae):					
<i>Psidium guajava</i> (guava)	Cuba, Puerto Rico	16			Fla.*, N. Y.
Soil	Dominican Republic	1			P. R.
<i>Ancylostoma stercorea</i> (Zell.) (Phycitidae):					
<i>Cajanus cajan</i> (pigeon pea)	Panama, Puerto Rico	2			N. Y.
<i>Anelaphus truncatus</i> (Hald.) (Cerambycidae):					
<i>Lycopersicon esculentum</i> (tomato)	Mexico	1			Tex.
<i>Anthonomus albolineatus</i> Champ. (Curculionidae):					
Orchid	do			4	Tex.
<i>Anthonomus baridioides</i> Champ. (Curculionidae):					
Orchid	do			1	Tex.
<i>Antonina graminis</i> (Mask.) (Coccidae):					
Gramineae	Guam	1			Calif.*
<i>Anuraphis helichrysi</i> (Kltb.) (Aphidae):					
<i>Chrysanthemum</i> sp.	England			3	N. J., Wash.
<i>Dianthus</i> sp. (carnation)	Mexico	1			Tex.
<i>Aonidiella citrina</i> (Coq.) (Coccidae):					
<i>Citrus paradisi</i> (grapefruit)	Straits Settlement		1		Wash.
<i>Jasminum sambac</i> (Arabian jasmine)	Mexico	1			Tex.
<i>Jasminum</i> sp. (jasmine)	do	2			Tex.
<i>Rosa</i> sp. (rose)	do	1			Tex.
<i>Syringa</i> sp.	do	1			Tex.
<i>Aonidiella inornata</i> McKenzie (Coccidae):					
<i>Carica papaya</i> (papaya)	Hawaii		1		Wash.
<i>Cocos nucifera</i> (coconut)	Philippines	4	3		Calif.*
Cutting	Hawaii			1	Calif.*
<i>Aphis medicaginis</i> Koch (Aphidae):					
<i>Chrysanthemum</i> sp.	Portugal	1			Mass.
<i>Apion carduorum</i> Kirby (Curculionidae):					
<i>Cynara cardunculus</i> (cardoon)	Italy			1	N. Y.
<i>Apion cracca</i> (L.) (Curculionidae):					
<i>Vicia</i> sp. (vetch)	France	1			N. Y.
<i>Apion flavipes</i> Payk. (Curculionidae):					
<i>Crataegus</i> sp. with woods moss	Germany			1	N. J.
Moss and forest litter around rhododendron	Netherlands			1	N. J.
<i>Apion godmani</i> Wgnr. (Curculionidae):					
<i>Phaseolus vulgaris</i> var. (string bean)	Mexico	1			Ariz.
<i>Apion pomonae</i> (F.) (Curculionidae):					
<i>Vicia</i> sp. (vetch)	France	2			N. Y.
<i>Arvelius albopunctatus</i> (Deg.) (Pentatomidae):					
<i>Lycopersicon esculentum</i> (tomato)	Mexico	3			Tex.
<i>Aspidiotus coryphae</i> Ckll. & Rob. (Coccidae):					
<i>Cocos nucifera</i> (coconut)	Philippines	2	1		Calif.*
<i>Aspidiotus cryptomeriae</i> Kuw. (Coccidae):					
<i>Cryptomeria</i> sp.	Japan			1	Wash.
<i>Aspidiotus degeneratus</i> (Leon.) (Coccidae):					
<i>Camellia</i> sp.	do			3	Wash.
<i>Aspidiotus destructor</i> Sign. (Coccidae):					
<i>Annona</i> sp.	Puerto Rico	1			N. Y.
<i>Cocos nucifera</i> (coconut)	Colombia, Costa Rica, Guam, Mexico, Philippines, Salvador, Trinidad.	2	8		Calif.*, Tex.
Leaf	Jamaica		1		Fla.*
<i>Livistona chinensis</i> (Chinese fan palm)	Bahamas	1			N. Y.
<i>Musa paradisiaca</i> (plantain)	Puerto Rico	1			N. Y.
<i>Musa paradisiaca sapientum</i> (banana)	Costa Rica, Guatemala, Hawaii, Mexico, Panama.	32			Calif.*
Palmaceae	China			1	Calif.*
Palm	Cuba		1		Tex.
<i>Persea americana</i> (avocado)	Canal Zone			1	Tex.
<i>Spondias cytherea</i> (vi-apple)	Puerto Rico	1			N. Y.
<i>Aspidiotus diffinis</i> Newst. (Coccidae):					
<i>Cydonia</i> sp.	Japan			1	Calif.*
<i>Plumeria</i> sp.	Mexico			1	Tex.
<i>Aspidiotus erciscus</i> Green (Coccidae):					
<i>Citrus sinensis</i> (orange)	Philippines		1		Calif.*
<i>Aspidiotus herculeanus</i> Ckll. & Hadd. (Coccidae):					
<i>Plumeria</i> sp.	Canal Zone	1			Fla.*
<i>Spondias mombin</i> (jobo)	Puerto Rico	1			Fla.*

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<i>Aspidiotus palmarum</i> (Ckll.) (Coccidae):					
<i>Citrus sinensis</i> (orange)	Costa Rica		1		Calif.*
<i>Musa paradisica sapientum</i> (banana)	Costa Rica, Guatemala, Panama, Guatemala	10			Calif.*
<i>Philodendron</i> sp.				1	Calif.*
<i>Aspidiotus spinosus</i> (Comst.) (Coccidae):					
<i>Cocos nucifera</i> (coconut)	Guam	1			Calif.*
<i>Mammea americana</i> (mamey)	Jamaica		1		Fla.*
<i>Musa paradisica sapientum</i> (banana)	Nicaragua	1			Calif.*
<i>Persea americana</i> (avocado)	Hawaii		1		Calif.*
<i>Aspidiotus subchortinus</i> Laing (Coccidae):					
<i>Anonopus compressus</i> (carpet grass)	Bermuda	1			Ariz.
<i>Asterolecanium bambusae</i> (Bdv.) (Coccidae):					
Bamboo	Unknown		1		N. Y.
<i>Asterolecanium epidendri</i> (Bouche) (Coccidae):					
<i>Cattleya granulosa</i> (orchid)	Brazil			1	Calif.*
<i>Cattleya</i> sp.	Brazil, Venezuela			3	Calif.* N. J.
<i>Epidendrum</i> sp. (orchid)	Canal Zone			1	Fla.
<i>Laelia</i> sp. (orchid)	Brazil			1	N. J.
Orchid	do			1	P. R.
<i>Asterolecanium pustulans</i> (Ckll.) (Coccidae):					
<i>Achras zapota</i> (sapodilla)	Bahamas	1			N. Y.
<i>Codiaeum</i> sp. (croton)	Mexico			1	Tex.
<i>Morus</i> sp. (mulberry)	Bahamas			2	Fla., Tex.
Orchid	British Guiana			1	N. J.
Plant	Guam	1			Calif.*
<i>Attelabus corvinus</i> Gyll. (Curculionidae):					
Orchid	Mexico			2	Tex.
<i>Aulacaspis cinnamomi</i> Newst. (Coccidae):					
<i>Mangifera indica</i> (mango)	Venezuela	1			N. Y.
<i>Autoserica castanea</i> (Arr.) (Scarabaeidae):					
<i>Cattleya</i> sp. (orchid)	Colombia			1	N. J.
<i>Barathra brassicae</i> (L.) (Phlaenidae):					
<i>Apium graveolens</i> (celery)	Netherlands		1		Tex.
<i>Brassica</i> sp. (mustard)	Italy		1		Ill.
<i>Barypeithes pellucidus</i> (Boh.) (Curculionidae):					
<i>Rhododendron</i> sp.	Netherlands			1	Wash.
<i>Bembecia marginata</i> (Harris) (Aegeriidae):					
<i>Rubus</i> sp. (raspberry)	Canada			1	Mass.
<i>Berecynthus delirator</i> (F.) (Pentatomidae):					
Orchid	Mexico			1	Tex.
<i>Boroxylon stephegynis</i> Hopk. (Scolytidae):					
Log	Philippines	1			Va.
<i>Bostrychophiles cornutus</i> (Oliv.) (Bostrichidae):					
<i>Poga oleosa</i> (?) ("nagallion")	Cameroons	1			N. Y.
<i>Brachyacma palpigera</i> (Wlsm.) (Gelechiidae):					
Legume pod	Barbados	1			Fla.*
<i>Brachycerus albidentatus</i> Gyll. (Curculionidae):					
<i>Allium sativum</i> (garlic)	Italy	2			N. Y.
<i>Brachycerus alpinus</i> (F.) (Curculionidae):					
<i>Allium sativum</i> (garlic)	do	2			N. Y.
<i>Brachyrhinus porcatius</i> (Hbst.) (Curculionidae):					
<i>Brassica rapa</i> (turnip)	Norway		1		N. Y.
<i>Brachyrhinus sulcatus</i> (F.) (Curculionidae):					
<i>Dahlia</i> sp.	Canada			1	N. J.
<i>Bradybaena similis</i> (Fer.) (Mollusca):					
<i>Phaseolus vulgaris</i> var. (string bean)	Bermuda		1		Pa.
<i>Brentus anchorago</i> L. (Brentidae):					
<i>Spondias</i> sp. (?)	Venezuela	1			N. Y.
<i>Bruchidius gilvus</i> (Gyll.) (Bruchidae):					
<i>Hedysarum</i> sp.	Italy			1	N. Y.
<i>Bruchidius incarnatus</i> (Boh.) (Bruchidae):					
<i>Vicia sativa</i> (vetch)	do			1	D. C.
<i>Bruchus brachialis</i> (Fabr.) (Bruchidae):					
<i>Vicia villosa</i> (hairy vetch)	Poland		1		N. Y.
<i>Vicia</i> sp.	Greece	1			Fla.*
<i>Bruchus dentipes</i> Baudi (Bruchidae):					
<i>Vicia faba</i> (broadbean)	Iran, Lebanon	1	1		N. Y., Pa.
<i>Bruchus emarginatus</i> Allard (Bruchidae):					
<i>Pisum sativum</i> (pea)	India		1		D. C.
<i>Bruchus ervi</i> Froel. (Bruchidae):					
<i>Lens culinaris</i> (lentil)	Italy, Lebanon	8	9		N. J., N. Y.

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<i>Bruchus guttalis</i> Rey (Bruchidae): Vicia sp. (vetch).....	France, Portugal.....	9			N. Y., Pa.
<i>Bruchus lentis</i> Froel. (Bruchidae): Lens culinaris* (lentil).....	Italy.....	7		10	N. J., N. Y., Ohio.
<i>Bruchus luteicornis</i> Ill. (Bruchidae): Vicia sp. (vetch).....	France, Italy, Netherlands, service mail.	7		1	D. C., Mass., N. Y., Wash.
<i>Bruchus rufipes</i> Hbst. (Bruchidae): Vicia faba (broadbean).....	Italy.....	1			N. Y.
Vicia sativa (vetch).....	do.....	1		1	D. C., Ga.
<i>Bruchus signaticornis</i> Gyll. (Bruchidae): Lens culinaris (lentil).....	do.....	10		12	N. J., N. Y., Ohio, Pa.
<i>Bruchus tristiculus</i> Fahr. (Bruchidae): Lathyrus odoratus (sweet pea).....	Portugal.....			2	Mass., N. Y.
Vicia sativa (vetch).....	do.....	1			Pa.
<i>Bruchus tristis</i> Boh. (Bruchidae): Bean.....	France.....	1			N. Y.
<i>Bruchus ulicis</i> Muls. (Bruchidae): Lens culinaris (lentil).....	Italy.....			2	N. Y.
<i>Cactobrosis longipennella</i> (Hamps.) (Phycitidae): Cereus sp. (cactus).....	Mexico.....			1	Tex.
<i>Calligrapha diversa</i> Stal (Chrysomelidae): Laelia majalis (orchid).....	do.....			2	Tex.
Orchid.....	do.....			1	Tex.
<i>Calligrapha felina</i> Stal (Chrysomelidae): Orchid.....	do.....			1	Tex.
<i>Calligrapha limbaticollis</i> Stal (Chrysomelidae): Orchid.....	do.....			1	Tex.
<i>Calligrapha multipustulata</i> Stal (Chrysomelidae): Musa paradisiaca sapientum (banana).....	do.....	1			Calif.*
<i>Calligrapha notatipennis</i> Stal (Chrysomelidae): Orchid.....	do.....			1	Tex.
<i>Callirhytis sonora</i> Weld (Cynipidae): Quercus sp. (oak).....	do.....	3			Ariz.
<i>Callispa duodecimmaculata</i> Chap. (Chrysomelidae): Aerides quinquevulnera (orchid).....	Philippines.....			1	Hawaii.*
<i>Callosobruchus analis</i> (F.) (Bruchidae): Pisum sativum (pea).....	India.....			1	D. C.
<i>Callosobruchus chinensis</i> (L.) (Bruchidae): Bean.....	Philippines.....	1			Calif.*
Cajanus cajan (pigeonpea).....	Bahamas, British Guiana, British West Indies, Jamaica, Puerto Rico.	5		1	Fla.,* N. J., N. Y.
<i>Cicer arietinum</i> (chickpea).....	India.....		1		N. Y.
Grain—mixed.....	do.....		1		Mass.
<i>Lathyrus</i> sp.....	do.....			1	D. C.
<i>Phascolus aureus</i> (mung bean).....	China.....	1			Mo., N. J.
<i>Phascolus</i> sp. (bean).....	India, Italy.....			2	D. C., Mass.
<i>Pisum sativum</i> (pea).....	India.....			1	D. C.
Vicia sativa (vetch).....	do.....			1	N. J.
Vigna sp.....	do.....			2	D. C.
<i>Callosobruchus maculatus</i> (F.) (Bruchidae): Bean.....	British West Indies, Curaçao, Cyprus.	2		1	Mich., N. Y.
<i>Cajanus cajan</i> (pigeonpea).....	Bahamas.....	1			Fla.*
<i>Cicer arietinum</i> (chickpea).....	Mexico.....	2			Tex.
<i>Hibiscus esculentus</i> (okra).....	Cyprus.....			1	Mich.
<i>Phaseolus vulgaris</i> (kidney bean).....	Venezuela.....			1	D. C.
<i>Pinus</i> sp. (pine).....	Mexico.....	2			Tex.
<i>Pisum sativum</i> (pea).....	Egypt.....			1	N. Y.
Vigna sinensis (cowpea).....	Costa Rica.....			3	D. C.
Vigna sp.....	Jamaica.....			1	N. J.
<i>Callosobruchus phaseoli</i> (Gyll.) (Bruchidae): Bean.....	British West Indies, Jamaica.	1		1	N. J., N. Y.
<i>Camirus conicus</i> (Germ.) (Pentatomidae): Orchid.....	Mexico.....			1	Tex.
<i>Cardioscarta miniaticeps</i> (Fowl.) (Cicadellidae): Coriandrum sativum (coriander).....	Panama.....	1			N. Y.

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<i>Carposina sasakii</i> Mats. (Carposinidae):					
<i>Malus sylvestris</i> (apple)	Japan		1		Oreg.
<i>Caryedon fuscus</i> (Goeze) (Bruchidae):					
<i>Cassia sieberiana</i>	Sierra Leone	1			N. Y.
<i>Cassia</i> sp.	Brazil, India	1		1	N. J., Wash.
<i>Tamarindus</i> sp.	France			2	D. C.
<i>Caryoborus serripes</i> (Sturm) (Bruchidae):					
Palm	Brazil	1			Va.
<i>Cassida flavolea</i> Thunb. (Chrysomelidae):					
Soil with assorted plants	England			1	N. Y.
<i>Cassida nebulosa</i> L. (Chrysomelidae):					
Moss and forest litter around rhododendron	Netherlands			1	N. J.
<i>Cassida nobilis</i> L. (Chrysomelidae):					
Moss and forest litter around rhododendron	do			3	N. J.
<i>Cassida vittata</i> Villers (Chrysomelidae):					
<i>Beta vulgaris</i> (beet)	Egypt		1		N. Y.
<i>Caulophilus latinasus</i> Say (Curculionidae):					
Orchid	Mexico			3	Tex.
<i>Persea americana</i> (avocado)	do	2			Tex.
<i>Celerio lineata</i> (F.) (Sphingidae):					
<i>Portulaca oleracea</i> (purslane)	do	3			Tex.
<i>Ceratitis capitata</i> (Wied.) (Tephritidae):					
<i>Capsicum frutescens grossum</i> (sweet bell red pepper)	Hawaii		2		Calif.*
<i>Citrus grandis</i> (pummelo)	do	1			Calif.*
<i>Citrus limon</i> var. <i>ponderosa</i>	Spain	1			N. Y.
<i>Citrus paradisi</i> (grapefruit)	Australia, Brazil, Egypt, Italy		7		Calif.,* La., N. Y., Pa., Va.
<i>Citrus reticulata</i> (tangerine)	Algeria, Italy, Palestine, Portugal, Spain, unknown	14	10		Md., Mass., N. Y.
<i>Citrus sinensis</i> (orange)	Algeria, Argentina, Australia, Brazil, Egypt, Gold Coast, Italy, Palestine, Portugal, Spain, Syria, unknown	19	16		Calif.,* Fla., Md., Mass., N. Y., Pa., P. R., Tex., Va.
<i>Cydonia oblonga</i> (quince)	France, Greece, Italy, Spain	5			N. Y.
<i>Diospyros</i> sp. (persimmon)	Italy	3			N. Y.
<i>Eriobotrya japonica</i> (loquat)	Bermuda, Italy	2			Md., N. Y.
<i>Ficus carica</i> (fig)	Azores, Bermuda, Italy, Palestine, Portugal	7			Md., Mass., N. Y.
<i>Malus sylvestris</i> (apple)	Argentina, Italy	7	2		N. Y.
<i>Mangifera indica</i> (mango)	Egypt, Hawaii	2			Calif.,* N. Y.
<i>Opuntia compressa</i> (pricklypear)	Italy	5			N. Y.
<i>Prunus armeniaca</i> (apricot)	Algeria (?)		1		Md.
<i>Prunus domestica</i> (plum)	Portugal		1		Mass.
<i>Prunus persica</i> (peach)	Italy, Morocco, Portugal, Union of South Africa	3	5		Mass., N. Y.
<i>Pyrus communis</i> (pear)	Italy, Spain	3			N. Y.
With provisions containing oranges, apples, and tangerines	Italy	1			N. Y.
<i>Vitis</i> sp. (grape)	Argentina, Portugal, Union of South Africa	38	1		Ill., Mass., La., N. Y.
<i>Ceratitis capitata</i> (Wied.) (?) (Tephritidae):					
<i>Citrus aurantifolia</i> (sweet lime)	Azores	1			Mass.
<i>Citrus reticulata</i> (tangerine)	Azores, Italy, Portugal	1	2		Mass., Va.
<i>Citrus sinensis</i> (orange)	France, India, Italy (?), Spain		4		Mass., N. Y., Pa., Va.
<i>Lycopersicon esculentum</i> (tomato)	Hawaii		1		Wash.
<i>Malus sylvestris</i> (apple)	Unknown	1			N. Y.
<i>Persea americana</i> (avocado)	Australia, Hawaii	1	1		Calif.,* Hawaii
<i>Prunus domestica</i> (plum)	Portugal		1		Mass.
<i>Pyrus communis</i> (pear)	do		1		Mass.
<i>Vitis</i> sp. (grape)	Argentina, Union of South Africa	18			N. Y.
<i>Ceratitis rosa</i> Karsch (Tephritidae):					
<i>Prunus persica</i> (peach)	Union of South Africa	1			N. Y.
<i>Ceroplastes ceriferus</i> (And.) (Coccidae):					
<i>Camellia</i> sp.	Japan			1	Wash.

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<i>Ceroplastes cirripediformis</i> Comst. (Coccidae):					
Cutting.....	Panama.....		1		Fla.*
<i>Iresine</i> sp.....	do.....		1		Fla.*
<i>Ceroplastes japonicus</i> Green (Coccidae):					
<i>Camellia</i> sp.....	China.....			1	Calif.*
<i>Citrus</i> sp.....	Puerto Rico.....	1			Fla.*
<i>Larix</i> sp.....	Japan.....			1	Wash.
<i>Tamarix</i> sp.....	do.....			1	Wash.
<i>Ceroplastes rubens</i> Mask. (Coccidae):					
<i>Alyxia olivaeformis</i>	Hawaii.....	1			Calif.*
<i>Citrus</i> sp.....	Japan.....		1		Wash.
Fern.....	Hawaii.....	1			Calif.*
<i>Gardenia</i> (?) sp.....	Tahiti.....			1	Calif.*
<i>Pittosporum</i> sp.....	Japan.....			1	Wash.
<i>Rhododendron</i> sp.....	do.....			1	Wash.
<i>Ceroplastes rusci</i> (L.) (Coccidae):					
<i>Ficus carica</i> (fig).....	Italy, Palestine.....	1		1	Mass., N. J.
<i>Ceutorhynchus erysimi</i> (F.) (Curculionidae):					
Moss and forest litter around rhododendron.....	Netherlands.....			1	N. J.
<i>Ceutorhynchus floralis</i> (Paky.) (Curculionidae):					
Shrub.....	do.....			1	N. J.
<i>Ceutorhynchus quadridens</i> (Panz.) (Curculionidae):					
Soil in bag of beets.....	England.....		1		Tex.
<i>Chaetarthria seminulum</i> (Hbst.) (Hydrophilidae):					
<i>Calluna</i> sp.....	Netherlands.....			1	N. J.
<i>Chaetocnema hortensis</i> (Geof.) (Chrysomelidae):					
<i>Rhododendron</i> sp.....	England.....			1	Wash.
<i>Chaetopsis fulvifrons</i> (Macq.) (Otitidae):					
<i>Zea mays</i> (corn).....	Mexico.....	32	1		Ariz., N. Y., Tex.
<i>Chaetoptelius vestitus</i> (Rey) (Scolytidae):					
<i>Nerium</i> sp.....	Portugal.....	1			Va.
<i>Chelymorphia comata</i> Boh. (Chrysomelidae):					
Orchid.....	Mexico.....			1	Tex.
<i>Chilo simplex</i> (Btlr.) (Crambidae):					
<i>Oryza sativa</i> (rice).....	China, service mail.....	5			Calif.*, Mo.
<i>Chirothrips manicatus</i> (L.) (Thripidae):					
<i>Gladiolus</i> sp.....	France.....		1		N. Y.
<i>Chlorochroa ligata</i> (Say) (Pentatomidae):					
Daisy.....	Mexico.....	1			Tex.
<i>Phaseolus vulgaris</i> var. (string bean).....	do.....	1			Tex.
<i>Chlorochroa juniperina</i> (L.) (Pentatomidae):					
Moss and forest litter around rhododendron.....	Netherlands.....			1	N. J.
<i>Chrysobothris mali</i> Horn (Buprestidae):					
<i>Echeveria</i> sp.....	Mexico.....			1	Calif.
<i>Chrysomphalus albopictus</i> (Ckll.) (Coccidae):					
<i>Cocos nucifera</i> (coconut).....	do.....	1			Calif.*
<i>Musa paradisiaca sapientum</i> (banana).....	do.....	1			Calif.*
<i>Persea americana</i> (avocado).....	do.....	2			Tex.
<i>Chrysomphalus nigropunctatus</i> (Ckll.) (Coccidae):					
Araceae.....	Guatemala.....			1	N. J.
<i>Epidendrum</i> sp. (orchid).....	Mexico.....			1	N. J.
<i>Laelia majalis</i> (orchid).....	do.....			1	Tex.
Orchid.....	do.....			2	Tex.
<i>Chrysomphalus personatus</i> (Comst.) (Coccidae):					
<i>Citrus paradisi</i> (grapefruit).....	Brazil.....		1		Fla.*
<i>Citrus sinensis</i> (orange).....	Peru.....		1		Calif.*
<i>Cocos nucifera</i> (coconut).....	British Guiana, Mexico.....		2	1	Ala., Calif.*
<i>Chrysomphalus scutiformis</i> (Ckll.) (Coccidae):					
<i>Citrus aurantifolia</i> (sour lime).....	Mexico.....	1			Calif.*
<i>Musa paradisiaca sapientum</i> (banana).....	Costa Rica.....	5			Calif.*
<i>Chrysomphalus tenax</i> McKenzie (Coccidae):					
<i>Callithea gigas</i> (orchid).....	Colombia.....			2	Calif.*
<i>Monstera dubia</i> (shingle plant).....	Guatemala.....			1	Calif.*
<i>Monstera</i> spp.....	do.....			1	Calif.*
<i>Philodendron</i> sp.....	Guatemala, Mexico.....			4	Calif.*, Tex.
<i>Chrysomphalus umboniferus</i> (Newst.) (Coccidae):					
<i>Epidendrum atropurpureum</i> (orchid).....	Venezuela.....			1	Calif.*
<i>Musa paradisiaca sapientum</i> (banana).....	Costa Rica, Panama.....	4			Calif.*
Orchid.....	Mexico.....			1	Tex.

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<i>Cleogonus armatus</i> Champ. (Curculionidae):					
<i>Epidendrum atropurpureum</i> (orchid).....	Canal Zone.....			1	Tex.
Orchid.....	Mexico.....			1	Tex.
<i>Clerada apicornis</i> Sign. (Lygaeidae):					
<i>Cattleya gigas</i> (orchid).....	Colombia.....			1	Tex.
<i>Cligenes d-lineata</i> (Dist.) (Lygaeidae):					
Orchid.....	Mexico.....			2	Tex.
<i>Coccotrypes dactyliperda</i> (F.) (Scolytidae):					
<i>Phoenix dactylifera</i> (date).....	Iraq.....	1			N. Y.
<i>Phytelephas macrocarpa</i> (ivory palm).....	Costa Rica.....	1			Calif.*
<i>Coccotrypes pygmaeus</i> Eichh. (Scolytidae):					
Palm nut.....	Puerto Rico.....			1	N. J.
<i>Coccus capparidis</i> (Green) (Coccidae):					
<i>Codiaeum</i> sp. (croton).....	Bahamas.....			1	N. J.
<i>Cypripedium</i> sp. (orchid).....	India.....			1	N. J.
<i>Coccus pseudothesperidum</i> (Ckll.) (Coccidae):					
<i>Cattleya bicolor</i> (orchid).....	Brazil.....			1	Fla.
<i>Laelia purpurata</i> (orchid).....	do.....			1	N. J.
<i>Ocotomeria crassifolia</i> (orchid).....	do.....			1	D. C.
<i>Warszewiczella flabelliformis</i> (orchid).....	do.....			1	D. C.
<i>Coccus viridis</i> (Green) (Coccidae):					
<i>Achras zapota</i> (sapodilla).....	Bahamas, Haiti.....	2			Fla.*, N. Y.
<i>Citrus aurantifolia</i> (sour lime).....	Cuba.....	1			Fla.*
<i>Citrus</i> sp.....	Jamaica, Puerto Rico.....	8			Fla.*
<i>Coffea</i> sp. (coffee).....	Cuba, Haiti, Hawaii, Jamaica.....	3	1		Calif.*, Fla.*
<i>Gardenia augusta</i> (gardenia).....	Colombia, Cuba, Jamaica, Puerto Rico, Venezuela.....	18	1		Fla.*, Va.
<i>Gardenia</i> sp.....	Hawaii.....	1			Calif.*
<i>Stenolobium stans</i> (Florida trumpetbush).....	Bahamas.....			1	N. Y.
<i>Coelosternus consputus</i> Boh. (Curculionidae):					
Log.....	Mexico.....	1			Calif.*
<i>Conchaspis angraezi</i> Ckll. (Coccidae):					
<i>Cattleya granulosa</i> (orchid).....	Brazil.....			1	Calif.*
<i>Cattleya</i> sp.....	Brazil, Venezuela.....			2	Calif.*, N. J.
<i>Epidendrum</i> sp. (orchid).....	Salvador.....			1	Calif.*
<i>Oncidium</i> sp. (orchid).....	Mexico.....			1	Tex.
Orchid.....	do.....			1	Tex.
<i>Conotrachelus aguatae</i> Barber (Curculionidae):					
<i>Persea americana</i> (avocado).....	do.....	98			Tex.
<i>Conotrachelus integer</i> Csy. (Curculionidae):					
<i>Quercus</i> sp. (oak).....	do.....	1			Tex.
<i>Conotrachelus perseae</i> Barber (Curculionidae):					
<i>Persea americana</i> (avocado).....	do.....	1			Tex.
<i>Conotrachelus seniculus</i> Lec. (Curculionidae):					
<i>Beta vulgaris cicla</i> (chard).....	do.....	2			Ariz.
Herb.....	do.....	1			Tex.
<i>Coptocycla dorsopunctata</i> (Klug) (Chrysomelidae):					
<i>Phaseolus lunatus macrocarpus</i> (lima bean).....	Cuba.....	1			N. Y.
<i>Coptocycla semiatrata</i> Boh. (Chrysomelidae):					
Orchid.....	Mexico.....			1	Tex.
<i>Coptorhynchus iliganus</i> Hllr. (Curculionidae):					
<i>Cannabis sativa</i> (hemp).....	Philippines.....	1			Wash.
<i>Coptotermes formosanus</i> Shiraki (Rhinotermitidae):					
<i>Eleocharis dulcis</i> (waternut).....	China.....	1			Calif.*
<i>Coreyra cephalonica</i> (Staint.) (Galleriidae):					
<i>Caladium</i> sp.....	Virgin Islands.....	1			N. Y.
<i>Cicer arietinum</i> (chickpea).....	Mexico, Puerto Rico.....	1	2		N. Y., Tex.
<i>Erythrina</i> sp.....	Salvador.....	1			N. Y.
<i>Gossypium</i> sp. (cottonseed).....	do.....			1	Tex.
<i>Oryza sativa</i> (rice).....	India.....	1			Ala.
<i>Cordylomera spinicornis</i> (F.) (Cerambycidae):					
<i>Khaya senegalensis</i> (?).....	Gold Coast.....	1			N. Y.
<i>Khaya</i> sp.....	Cameroons, Equatorial Gold Coast, French Africa.....	5			N. Y., Va.
<i>Corimelaena minutissima</i> Mall. (Pentatomidae):					
<i>Rorippa nasturtium-aquaticum</i> (watercress).....	Mexico.....	1			Tex.
<i>Cosmopolites sordidus</i> (Germ.) (Curculionidae):					
<i>Musa paradisiaca sapientum</i> (banana).....	Guatemala.....			1	La.

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<i>Creontiades femoralis</i> Van Duzee (Miridae):					
<i>Beta vulgaris cicla</i> (chard).....	Mexico.....	1			Ariz.
<i>Crophius costatus</i> (Dist.) (Lygaeidae):					
<i>Laelia</i> sp. (orchid).....	do.....			1	Tex.
<i>Crophius scabrosus</i> (Uhler) (Lygaeidae):					
<i>Bromelia</i> sp.....	do.....			1	Calif.*
<i>Epidendrum</i> sp. (orchid).....	do.....			1	Calif.*
<i>Laelia</i> sp. (orchid).....	do.....			1	Tex.
Orchid.....	do.....			5	Tex.
<i>Cryptophula apicatus</i> (Dist.) (Lygaeidae):					
<i>Cattleya</i> sp. (orchid).....	Honduras.....			1	Fla.
Orchid.....	Mexico.....			1	Tex.
<i>Cryptorhynchus mangiferae</i> (F.) (Curculionidae):					
<i>Mangifera indica</i> (mango).....	Hawaii, Philippines.....	14	11		Calif.*, Wash.
<i>Cryptotermes brevis</i> (Walker) (Kalotermitidae):					
Wood.....	Hawaii.....	1			Calif.*
<i>Curculio elephas</i> (Gyll.) (Curculionidae):					
<i>Castanea</i> sp. (chestnut).....	Italy.....	4			Ala., Ill.
<i>Curculio q-griseae</i> Chittn. (Curculionidae):					
<i>Quercus</i> sp. (oak).....	Mexico.....	4			Tex.
<i>Cyamobolus palawanicus</i> Heller (Curculionidae):					
<i>Heritiera littoralis</i>	Philippines.....			1	Oreg.
<i>Cylas formicarius</i> F. (Curculionidae):					
<i>Ipomoea batatas</i> (sweetpotato).....	Philippines, Strait Settlements.....	1	1		Calif.*
<i>Cylas formicarius</i> subsp. (?) (Curculionidae):					
<i>Ipomoea batatas</i> (sweetpotato).....	China.....	1			Calif.*
<i>Cylas formicarius</i> (F.) var. (Curculionidae):					
<i>Ipomoea batatas</i> (sweetpotato).....	Cuba, Philippines, Puerto Rico, Siam.....	4	1		Ala., Calif.* Hawaii, N. Y.
<i>Cylas formicarius elegantulus</i> (Summers) (Curculionidae):					
<i>Ipomoea batatas</i> (sweetpotato).....	Cuba, Mexico, Puerto Rico, Virgin Islands.....	30	1		Ala., Fla.* N. Y., S. C. Tex.
<i>Cylas formicarius</i> probably <i>elegantulus</i> (Summers) (Curculionidae):					
<i>Ipomoea batatas</i> (sweetpotato).....	Puerto Rico, Virgin Islands.....	6			N. Y.
<i>Cylas puncticollis</i> Boh. (Curculionidae):					
<i>Ipomoea batatas</i> (sweetpotato).....	Mozambique, Sierra Leone.....	1	3		Mass., N. Y. Va.
<i>Cymus melanocephalus</i> Fieber (Lygaeidae):					
Moss and forest litter around rhododendron.....	Netherlands.....			1	N. J.
<i>Cyrtocapsus caliginus</i> (Stal) (Miridae):					
<i>Capsicum frutescens</i> (pepper).....	Mexico.....	1			Tex.
<i>Cyrtosoma tristigma</i> (Boh.) (Chrysomelidae):					
<i>Musa paradisiaca sapientum</i> (banana).....	Guatemala.....	1			Calif.*
<i>Cyrtopeltis varians</i> (Dist.) (Miridae):					
<i>Brassica</i> sp. (mustard).....	Mexico.....	1			Tex.
<i>Lycopersicon esculentum</i> (tomato).....	do.....	1			Calif.
<i>Dacus cucurbitae</i> (Coq.) (Tephritidae):					
<i>Capsicum frutescens grossum</i> (sweet bell pepper).....	Hawaii.....			1	Calif.*
<i>Cucumis sativus</i> (cucumber).....	do.....			5	Calif.*
<i>Cucurbita maxima</i> (squash).....	do.....			2	Calif.*
<i>Lycopersicon esculentum</i> (tomato).....	do.....			3	Calif.*
<i>Phaseolus vulgaris</i> var. (string bean).....	do.....			5	Calif.*
<i>Dacus dorsalis</i> Hend. (Tephritidae):					
<i>Carica papaya</i> (papaya).....	do.....			1	Calif.*
<i>Euphorbia longan</i> (longan).....	do.....			1	Calif.*
<i>Mangifera indica</i> (mango).....	Hawaii, Philippines.....	5	3		Calif.*
<i>Musa paradisiaca sapientum</i> (banana).....	Hawaii.....	4			Calif.*
<i>Persea americana</i> (avocado).....	do.....	1			Calif.*
<i>Psidium guajava</i> (guava).....	do.....	1	1		Calif.*
<i>Dacus dorsalis</i> Hend. (?) (Tephritidae):					
<i>Cocos nucifera</i> (coconut).....	do.....	1			Calif.*
<i>Mangifera indica</i> (mango).....	do.....	1	1		Calif.*
<i>Musa paradisiaca sapientum</i> (banana).....	do.....			2	Calif.*
<i>Dacus oleae</i> (Gmel.) (Tephritidae):					
<i>Olea europaea</i> (olive).....	Azores, Greece, Italy, Portugal.....	73			Ill., Mass., N. Y., Pa.

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<i>Dacus oleae</i> (Gmel.) (?) (Tephritidae): Olea europaea (olive).....	Italy.....	2	—	—	N. Y.
<i>Dalopius marginatus</i> (L.) (Elateridae): Soil packing of rhododendron.....	England.....	—	—	1	Wash.
<i>Desmothrips australis</i> (Bagn.) (Aeolothripidae): Raphanus sativus (radish).....	Australia.....	—	1	—	Hawaii.
<i>Diabrotica figurata</i> Jac. (Chrysomelidae): Orchid.....	Mexico.....	—	—	1	Tex.
<i>Dialeurodes chittendeni</i> Laing (Aleyrodidae): Rhododendron ponticum (pontic rhododendron). Rhododendron sp.....	England..... England, Netherlands.....	— —	— —	1 4	N. J. N. J.
<i>Dialeurodes citri</i> (Ashm.) (Aleyrodidae): Osmanthus (?) sp.....	Formosa.....	—	—	1	Calif.*
<i>Dialeurodes citrifolii</i> (Morg.) (Aleyrodidae): Citrus sp.....	Puerto Rico.....	3	—	—	Fla.*
<i>Dialeurodes kirkaldyi</i> (Kat.) (Aleyrodidae): Plant.....	Japan (?).....	—	—	1	Calif.*
<i>Diaphania hyalinata</i> (L.) (Pyraustidae): Cucurbita maxima (squash) Cucurbita pepo (pumpkin).....	Mexico..... do.....	5 3	— —	— —	Tex. Ariz., Tex.
<i>Diaphania nitidalis</i> (Stoll) (Pyraustidae): Cucumis sativus (cucumber).....	Brazil, Netherlands Guiana, Trinidad. Mexico.....	— 23	— 1	— —	La., Mass., N. Y. Tex. Tex.
Cucurbita maxima (squash) Cucurbita pepo (pumpkin) Basket containing various vegetables.....	do..... Dutch Guiana.....	1 —	— 1	— —	Tex. Tex. Tex.
<i>Diaprepes abbreviatus</i> (L.) (Curculionidae): Cajanus cajan (pigeonpea).....	Puerto Rico.....	1	—	—	N. Y.
<i>Diatraea crambidoides</i> (Grote) (Crambidae): Zea mays (corn).....	British Honduras.....	—	1	—	Fla.*
<i>Diatraea saccharalis</i> (F.) (Crambidae): Saccharum officinarum (sugarcane).....	Haiti, Mexico, Puerto Rico. Argentina.....	2 6	3 —	— —	Md., Pa., Tex. La.
Sorghum vulgare technicum (broomcorn) Zea mays (corn).....	Puerto Rico.....	1	—	—	Fla.*
<i>Dinoderus brevis</i> (Horn) (Bostrichidae): Bamboo.....	Guam, Philippines.....	7	—	—	Calif.,* Mo.
<i>Dinoderus pilifrons</i> Lesne (Bostrichidae): Bamboo.....	India.....	1	—	—	Tex.
<i>Diorhyctia abietella</i> (D. & S.) (Phycitidae): Picea sp. (spruce).....	Canada.....	—	—	1	Wash.
<i>Diorymerellus laevimargo</i> Champ. (Curculionidae): Laelia anceps (orchid)..... Laelia superbiens..... Laelia sp..... Odontoglossum grande (orchid)..... Orchid.....	Mexico..... Guatemala..... Mexico..... Guatemala..... Honduras, Mexico.....	— — — — —	— — — — —	2 1 2 1 17	Tex. Calif.* Tex. Tex. Tex.
<i>Disomycha leptolineata texana</i> Schaeff. (Chrysomelidae): Chrysanthemum maximum (shasta daisy).....	Mexico.....	1	—	—	Tex.
<i>Dryocetes scrupulosus</i> (Germ.) (Cerambycidae): Spondias sp.....	Venezuela.....	1	—	—	N. Y.
<i>Dryotribus mimeticus</i> Horn (Curculionidae): Morus sp. (mulberry).....	Bahamas.....	—	—	1	Tex.
<i>Dysdercus mimulus</i> Hussey (Pyrrhocoridae): Citrus aurantifolia (sour lime)..... Laelia anceps (orchid)..... Lycopersicon esculentum (tomato).....	Mexico..... do..... do.....	1 — 3	— — —	— 1 —	Tex. Tex. Tex.
<i>Dysdercus ruficollis</i> (L.) (Pyrrhocoridae): Orchid.....	Brazil.....	—	—	1	Fla.
<i>Dysides obscurus</i> Perty (Bostrichidae): Spondias sp.....	Venezuela.....	1	—	—	N. Y.
<i>Elaphria chalcidonia</i> (Hbn.) (Phalaenidae): Brassica oleracea capitata (cabbage).....	England.....	—	—	1	Tex.
<i>Elasmopalpus lignosellus</i> (Zell.) (Phycitidae): Cajanus cajan (pigeonpea).....	Puerto Rico.....	1	—	—	Fla.*
<i>Endrosis lactella</i> (Schiff.) (Oecophoridae): Iris sp..... Narcissus sp..... Scilla sibirica (Siberian squill)..... Tulipa sp. (tulip).....	Netherlands..... do..... do..... do.....	— — — —	— 1 — —	— — 1 1	N. J. Va. Mich. N. J.

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<i>Epicaerus cognatus</i> Sharp (Curculionidae): <i>Solanum tuberosum</i> (potato)	Mexico	2	7		Calif.,* La., Tex. D. C.
<i>Solanum</i> sp.	do			2	
<i>Epilachna varivestis</i> Muls. (Coccinellidae): <i>Laelia</i> sp. (orchid)	do			1	Tex.
<i>Epinotia opposita</i> Hein. (Olethreutidae): <i>Phaseolus vulgaris</i> var. (string bean)	Costa Rica, Mexico	15	1		Ariz., Calif.,* Tex.
<i>Ereunetis flavistriata</i> Wlsm. (Tineidae): <i>Ananas comosus</i> (pineapple)	Hawaii		1		Wash.
<i>Ernoporus tiliae</i> (Panz.) (Scolytidae): <i>Tilia</i> sp. (linden) (?)	France	1			N. Y.
<i>Estigmene acrea</i> (Drury) (Arctiidae): <i>Capsicum frutescens</i> (pepper)	Mexico	1			Ariz.
<i>Eucactophagus aurocinctus</i> Champ. (Curculionidae): <i>Lycaste</i> sp. (orchid)	Peru			1	Calif.*
<i>Eucalandra setulosa</i> (Gyll.) (Curculionidae): Bamboo	Mexico	1			Ariz.
<i>Merostachys</i> sp.	do	1			Ariz.
Orchid	do			1	Tex.
<i>Eucalymnatus tessellatus</i> (Sign.) (Coccidae): <i>Gardenia</i> sp. (?)	Tahiti			1	Calif.*
<i>Euleia heraclei</i> (L.) (Tephritidae): <i>Apium graveolens</i> (celery)	England, Ireland		3		Pa., Tex.
<i>Apium graveolens rapaceum</i> (celeriac)	Denmark		1		N. Y.
<i>Petroselinum crispum</i> (parsley)	France		2		Tex.
<i>Eumysia stigmella</i> (Dyar) (Phycitidae): <i>Echeveria</i> sp.	Mexico			1	Calif.
<i>Eurydema oleraceum</i> (L.) (Pentatomidae): Moss and forest litter around rhododendron	Netherlands			1	N. J.
<i>Eurytoma crassineura</i> Ashm. (Eurytomidae): <i>Fraxinus</i> sp. (ash)	England	1			Md.
<i>Eurytoma oleae</i> Del Guercio (Eurytomidae): <i>Olea europaea</i> (olive)	Italy	1			N. Y.
<i>Eurytoma orchidearum</i> (Westw.) (Eurytomidae): <i>Cattleya bicolor</i> (orchid)	Brazil			1	Fla.
<i>Cattleya gaskelliana</i>	Venezuela			1	N. J.
<i>Cattleya gigas</i>	Colombia			3	Fla.
<i>Cattleya harrisoniana</i>	Brazil			1	N. J.
<i>Cattleya labiata autumnalis</i>	do			1	N. J.
<i>Cattleya mossiae</i>	Venezuela			5	Fla., N. J.
<i>Cattleya trianae</i>	Colombia			2	Fla.
<i>Cattleya</i> sp.	Brazil, Colombia, Costa Rica, Venezuela			93	Fla., N. J., Tex.
<i>Laelia anceps</i> (orchid)	Mexico			2	Tex.
<i>Laelia purpurata</i>	Brazil			1	Fla.
Orchid	Salvador			1	Tex.
<i>Eusepes postfasciatus</i> (Fairm.) (Curculionidae): <i>Ipomoea batatas</i> (sweetpotato)	Guatemala, Venezuela			2	N. J., Tex.
Vine	Brazil, Colombia, Ecuador, Honduras, Puerto Rico, Virgin Islands.	9	5		Calif.,* La., Md., N. Y., S. C.
<i>Eutettix tenellus</i> (Bak.) (Cicadellidae): <i>Portulaca oleracea</i> (purslane)	Japan			1	Calif.*
<i>Eutornicus congener</i> (Woll.) (Curculionidae): <i>Cymbidium</i> sp. (orchid)	Mexico	1			Tex.
<i>Euxesta quaternaria</i> Loew (Otitidae): <i>Vitis</i> sp. (grape)	India			1	Calif.*
<i>Euxesta stigmatias</i> Loew (Otitidae): <i>Zea mays</i> (corn)	Argentina	1			N. Y.
<i>Evergestis forficatis</i> (L.) (Pyraustidae): <i>Brassica oleracea botrytis</i> (cauliflower)	Puerto Rico	1			N. Y.
<i>Brassica oleracea capitata</i> (cabbage)	England			1	Tex.
<i>Evergestis rimosalis</i> (Guen.) (Pyraustidae): <i>Brassica</i> sp. (mustard)	Belgium, France, Netherlands.			3	Ala., N. Y., Tex.
<i>Raphanus sativus</i> (radish)	Mexico	1			Tex.
<i>Rorippa nasturtium-aquaticum</i> (watercress)	do	1			Tex.
	do	2			Tex.

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<i>Erosoma lusitanica</i> (L.) (Chrysomelidae): <i>Muscari comosum</i> (cipollino)	Morocco	2			N. Y.
<i>Erptochiomeria albomaculata</i> (Dist.) (Lygaeidae): <i>Capsicum frutescens</i> (pepper)	Mexico	1		1	Tex.
<i>Laelia</i> sp. (orchid)	do				Tex.
<i>Lycopersicon esculentum</i> (tomato)	do	1			Tex.
Orchid	Guatemala, Mexico			6	Tex.
<i>Erptochiomeria oblonga</i> (Stal) (Lygaeidae): <i>Chrysanthemum</i> sp.	Mexico	1			Tex.
<i>Erptochiomeria tumens</i> (Stal) (Lygaeidae): Orchid	do			1	Tex.
<i>Faustinus rhombifer</i> (Champ.) (Curculionidae): Orchid	do			1	Tex.
<i>Ferrisiana virgata</i> (Ckll.) (Coccidae): <i>Dendrobium heterocarpum</i> (orchid)	Philippines			1	Calif.*
<i>Echinocereus grandis</i> (cactus)	Mexico			1	Calif.*
<i>Euphorbia</i> spp	Guam			1	Calif.*
<i>Gardenia augusta</i> (gardenia)	Venezuela	1			Fla.*
<i>Helichrysom bracteatum</i> (straw flower)	Guam	1			Calif.*
<i>Hibiscus esculentus</i> (okra)	Cuba		1		Fla.*
<i>Hibiscus</i> spp	Guam			1	Calif.*
<i>Lilium</i> spp	do			1	Calif.*
<i>Mammillaria albicans</i> (cactus)	Mexico			1	Calif.*
<i>Miltonia</i> sp. (orchid)	Colombia			1	Calif.*
<i>Musa paradisica sapientum</i> (banana)	Costa Rica, Mexico	5			Calif.*
<i>Oncidium ornithopodum</i> (orchid)	Mexico			1	Calif.*
<i>Pinus</i> sp. (pine)	Japan			1	Wash.
Plant—unidentified	Guam, Marianas	1		1	Calif.*
<i>Trichoglottis brachiata</i> (orchid)	Philippines			1	Hawaii.*
<i>Vanda luzonica</i> (orchid)	do			1	Hawaii.*
<i>Forficula auricularia</i> L. (Forficulidae): <i>Dianthus</i> sp. (carnation)	Ireland			1	Ill.
<i>Epidendrum atropurpureum</i> (orchid)	Venezuela			1	Calif.*
<i>Hyacinthus</i> sp. (hyacinth)	Netherlands			1	Ill.
<i>Punica granatum</i> (pomegranate)	Italy	1			Ill.
Sawdust packing for dahlias	Germany			1	Wash.
<i>Frankliniella insularis</i> (Frankl.) (Thripidae): <i>Antirrhinum majus</i> (snapdragon)	Jamaica		1		Fla.*
<i>Pisum sativum</i> (pea)	Mexico	1			Tex.
<i>Rosa</i> sp. (rose)	Dominican Republic	1			P. R.
<i>Frankliniella moultoni</i> Hood (Thripidae): <i>Rosa</i> sp. (rose)	Colombia	1			Fla.*
<i>Franklinothrips vespiformis</i> (Crawf.) (Franklinothripidae): <i>Chrysanthemum</i> sp.	Mexico	1			Ariz.
<i>Fulvius anthocorides</i> Stal (Miridae): Orchid	do			1	Tex.
<i>Fulvius brevicornis</i> Reuter (Miridae): Log.	French West Africa	2			Va.
<i>Fulvius oxycarenoides</i> Reuter (Miridae): <i>Khaya</i> sp.	French Equatorial Africa	1			N. Y.
<i>Fundella pellucens</i> Zell. (Phycitidae): <i>Cajanus cajan</i> (pigeonpea)	Puerto Rico	1			N. Y.
<i>Phaseolus vulgaris</i> var. (string bean)	do	2			N. Y.
<i>Furcaspis bififormis</i> (Ckll.) (Coccidae): <i>Brassavola nodosa</i> (orchid)	Canal Zone			1	N. J.
<i>Brassavola</i> sp.	Canal Zone, Colombia			2	N. J.
<i>Cattleya chocoensis</i> (orchid)	Costa Rica			1	Tex.
<i>Cattleya gigas</i>	Canal Zone, Colombia, Guatemala			3	Calif.,* N. J., Tex.
<i>Cattleya intermedia</i>	Brazil			1	D. C.
<i>Cattleya trianae</i>	Colombia, Costa Rica			3	Calif.*
<i>Cattleya</i> sp.	Brazil, Colombia, Guatemala, Mexico, Trinidad, Venezuela			22	Calif.,* Fla., N. J., Tex.
<i>Cymbidium</i> sp. (orchid)	Colombia			1	N. J.
<i>Epidendrum atropurpureum</i> (orchid)	Canal Zone, Venezuela			11	Calif.,* N. J., Tex.
<i>Oncidium confusum</i> (orchid)	Canal Zone			3	N. J., Tex.
<i>Oncidium stipitatum</i> (orchid)	do			1	Tex.
<i>Oncidium</i> sp.	do			3	Fla., Tex.

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<i>Furcaspis biformis</i> (Ckll.) (Coccidae):—Con. Orchid	Brazil, Canal Zone, Colombia, Trinidad	---	---	4	D. C., N. J., P. R., Tex.
<i>Phalaenopsis</i> sp. (orchid)	Trinidad	---	---	1	Calif.*
<i>Philodendron</i> spp.	Guatemala	---	---	1	Calif.*
<i>Rodriguezia secunda</i> (orchid)	Canal Zone	---	---	1	Tex.
<i>Schomburgkia crispa</i> (orchid)	Costa Rica	---	---	1	Calif.*
<i>Schomburgkia undulata</i>	Canal Zone	---	---	1	Calif.*
<i>Schomburgkia</i> sp.	Venezuela	---	---	1	N. J.
<i>Vanda batemani</i> (orchid)	Philippines	---	---	1	Hawaii.*
<i>Furcaspis oceanicus</i> Ldgr. (Coccidae):					
<i>Cocos nucifera</i> (coconut)	South Pacific	1	---	---	Hawaii.
<i>Galgupha quadrisignata</i> (Stal) (Pentatomidae):					
Orchid	Mexico	---	---	1	Tex.
<i>Galgupha punctifer</i> McA. & Mall. (Pentatomidae):					
Orchid	Canal Zone, Mexico	---	---	4	Tex., Wash.
<i>Galgupha texana</i> McA. & Mall. (Pentatomidae):					
Orchid	Mexico	---	---	1	Tex.
<i>Geocoris flavilineus</i> Stal (Lygaeidae):					
<i>Chrysanthemum</i> sp.	do	1	---	---	Tex.
<i>Gerstaeckeria bifasciata</i> (Gerst.) (Curculionidae):					
<i>Coryphantha erecta centrispina</i> (cactus)	do	---	---	1	Tex.
<i>Gerstaeckeria mutilaria</i> (Gerst.) (Curculionidae):					
<i>Mammillaria</i> sp. (cactus)	do	---	---	1	Tex.
<i>Gnorimoschema gudmannella</i> (Wlsm.) (Gelechiidae):					
<i>Capsicum frutescens</i> (pepper)	do	13	---	---	Ariz.
<i>Gnorimoschema lavernella</i> (Chamb.) (Gelechiidae):					
<i>Physalis</i> sp. (husk tomato)	do	4	---	---	Tex.
<i>Gnorimoschema plaesiosema</i> (Turner) (Gelechiidae):					
<i>Solanum tuberosum</i> (potato)	Peru	---	2	---	Tex.
<i>Gracilaria azalea</i> Brants (Gracilariidae):					
<i>Rhododendron indicum</i>	Belgium	---	---	1	N. J.
<i>Rhododendron obtusum kaempferi</i>	Netherlands	---	---	1	N. J.
<i>Rhododendron</i> sp.	do	---	---	7	N. J., Wash.
<i>Grapholitha molesta</i> (Busek) (Olethreutidae):					
<i>Malus sylvestris</i> (apple)	Japan	---	1	---	Oreg.
<i>Prunus armeniaca</i> (apricot)	Italy	---	1	---	N. Y.
<i>Prunus persica</i> (peach)	Unknown	---	1	---	Mich.
<i>Grapholitha packardii</i> Zell. (Olethreutidae):					
<i>Crataegus</i> sp. (red haw)	Mexico	1	---	---	Tex.
<i>Gymnaetron beccabungae nigrum</i> Walt. (Curculionidae):					
<i>Crataegus</i> sp.	Germany	---	---	1	N. J.
<i>Halimococcus borassi</i> Green (Coccidae):					
<i>Borassus flabellifer</i> (palmyra palm)	India	1	---	---	Calif.*
<i>Haplothrips cottei</i> (Vuillet) (Phlaeothripidae):					
<i>Dianthus</i> sp. (carnation)	England, Portugal	---	1	1	Mass., N. J.
<i>Haplothrips powdeyi</i> (Frankl.) (Phlaeothripidae):					
<i>Canavalia</i> sp.	Hawaii	4	---	---	Calif.*
<i>Genista</i> sp.	Barbados	1	---	---	Mass.
<i>Rosa</i> sp. (rose)	Mexico	1	---	---	Tex.
<i>Heliodines bella</i> (Chamb.) (Heliodinidae):					
<i>Portulaca oleracea</i> (purslane)	do	29	---	---	Ariz., Tex
<i>Rorippa nasturtium-aquaticum</i> (watercress)	do	1	---	---	Tex.
<i>Hellula phidilealis</i> (Wlk.) (Pyraustidae):					
<i>Brassica rapa</i> (turnip)	Cuba	---	2	---	Tex.
<i>Heraeus cincticornis</i> Stal (Lygaeidae):					
<i>Cattleya</i> sp. (orchid)	Venezuela	---	---	1	N. J.
<i>Heraeus guttatus</i> (Dallas) (Lygaeidae):					
<i>Laelia</i> sp. (orchid)	Mexico	---	---	1	Tex.
<i>Heterobostrychus aequalis</i> (Waterh.) (Bostrichidae):					
Wood	India	1	---	---	N. Y.
<i>Hofmannophila pseudospretella</i> (Staint.) (Oecophoridae):					
<i>Achimenes</i> sp.	Belgium	---	---	1	N. J.
<i>Lavandula</i> sp.	England	1	---	---	Wash.
<i>Sorghum vulgare technicum</i> (broomecorn)	Italy	1	---	---	N. Y.
Straw packing	Netherlands	1	---	---	Mass.
<i>Ulex</i> sp.	North Ireland	1	---	---	Pa.

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<i>Hylurgops palliatus</i> (Gyll.) (Scolytidae):					
<i>Picea</i> sp. (spruce).....	Germany, Sweden.....	3			N. Y.
<i>Pinus</i> sp. (pine).....	Sweden.....	1			N. Y.
<i>Hypera nigrostris</i> (F.) (Curculionidae):					
Moss and forest litter around rhododendron.....	Netherlands.....			1	N. J.
<i>Hypera pedestris</i> (Payk.) (Curculionidae):					
<i>Crataegus</i> sp.....	Germany.....			1	N. J.
<i>Hypera postica</i> (Gyll.) (Curculionidae):					
Soil around shamrocks.....	Ireland.....	1			N. Y.
<i>Hypera rumicis</i> (L.) (Curculionidae):					
<i>Crataegus</i> sp.....	Germany.....			1	N. J.
<i>Hyphantria cunea</i> (Drury) (Arctiidae):					
<i>Raphanus sativus</i> (radish).....	Mexico.....	1			Tex.
<i>Icerya zeteki</i> Morr. (Coccidae):					
Palm.....	Salvador.....			1	Tex.
<i>Ips typographus</i> (L.) (Scolytidae):					
<i>Picea</i> sp. (spruce).....	Sweden.....	1			N. Y.
<i>Pinus</i> sp. (pine).....	Germany.....	1			N. Y.
<i>Iridomyrmex humilis</i> Mayr. (Formicidae):					
<i>Chrysanthemum</i> sp.....	Portugal.....	1			Mass.
Orchid.....	Honduras.....			2	La.
<i>Prunus domestica</i> (plum).....	Portugal.....		1		Mass.
Soil around bulbs and plants.....	Azores.....			1	N. Y.
<i>Japetus sphaeroides</i> Dist. (Pyrrhocoridae):					
<i>Lycopersicon esculentum</i> (tomato).....	Mexico.....	1			Tex.
<i>Kaloterms marginipennis</i> (Latr.) (Kalotermitidae):					
In suitcase.....	Guatemala.....	1			Calif.*
<i>Lampides boeticus</i> (L.) (Lycaenidae):					
<i>Canavalia</i> sp.....	Hawaii.....	3			Calif.*
<i>Laspeyresia splendana</i> (Hbn.) (Olethreutidae):					
<i>Castanea sativa</i> (chestnut).....	Belgium, England, France, Italy, Portugal.....	17	2		Ala., D. C., Ill., Mass., Minn., N. Y., Ohio, Pa., Wash.
<i>Quercus</i> sp. (oak).....	Turkey.....	1			Pa.
<i>Lecaniodiaspis dendrobii</i> Dougl. (Coccidae):					
<i>Cattleya</i> sp. (orchid).....	British Honduras.....			1	Tex.
<i>Lecanium corvili</i> (L.) (Coccidae):					
<i>Malus sylvestris</i> (apple).....	Netherlands.....			1	D. C.
<i>Lema bilineata</i> Germ. (Chrysomelidae):					
<i>Vitis</i> sp. (grape).....	Union of South Africa.....	1			N. Y.
<i>Lema cyanella</i> (L.) (Chrysomelidae):					
<i>Crataegus</i> sp.....	Germany.....			1	N. J.
<i>Lema melanopa</i> (L.) (Chrysomelidae):					
<i>Crataegus</i> sp.....	do.....			1	N. J.
<i>Leperisinus fraxini</i> (Panz.) (Scolytidae):					
<i>Fraxinus</i> sp. (ash).....	England.....	6			N. Y.
<i>Lepidosaphes carinata</i> Ckll. (Coccidae):					
<i>Philodendron</i> sp.....	Mexico.....			1	Calif.*
<i>Lepidosaphes conchiformis</i> (Gmel.) (Coccidae):					
<i>Pyrus communis</i> (pear).....	Japan.....	1			Wash.
<i>Lepidosaphes espinosai</i> Porter (Coccidae):					
Forest litter.....	Peru.....	1			Wash.
<i>Lepidosaphes ficus</i> (Sign.) (Coccidae):					
<i>Ficus carica</i> (fig).....	Italy, Palestine.....			5	N. J., N. Y.
<i>Lepidosaphes latero-chitnosa</i> Green (Coccidae):					
<i>Rhynchosylis retusa</i> (orchid).....	India.....			2	N. J.
<i>Lepidosaphes pallida</i> (Green) (Coccidae):					
<i>Juniperus</i> sp. (juniper).....	Japan.....			5	Wash.
<i>Lepidosaphes philococcus</i> (Ckll.) (Coccidae):					
Cactus.....	Mexico.....			1	Tex.
<i>Lepidosaphes tokionis</i> (Kuw.) (Coccidae):					
<i>Codiaeum variegatum</i> (croton).....	Hawaii.....			3	Calif.*
<i>Codiaeum</i> sp.....	Bahamas.....			1	N. J.
<i>Lepidosaphes tuberculata</i> Malen. (Coccidae):					
<i>Cymbidium tracyanum</i> (orchid).....	India.....			1	Calif.*
<i>Cymbidium lowianum</i>	do.....			1	N. J.
<i>Cymbidium</i> sp.....	Australia, Belgium, England, India, Japan, Netherlands.....			29	Calif.*, Hawaii, N. J., Wash.
<i>Schomburgkia</i> sp. (orchid).....	Australia.....			1	Calif.*

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<i>Lepidosaphes uniloba</i> (Kuw.) (Coccidae):					
<i>Alyxia olivaeformis</i> (maile alyxia)	Hawaii	1			Calif.*
<i>Leptoglossus chilensis</i> Spinola (Coreidae):					
<i>Vitis</i> sp. (grape)	Chile	4			N. Y.
<i>Leptostylus incrassatus</i> (Klug) (Cerambycidae):					
<i>Morus</i> sp. (mulberry)	Bahamas			1	Tex.
<i>Lethaeus aeruginosus</i> (Dist.) (Lygaeidae):					
<i>Cymbidium</i> sp. (orchid)	India			1	Calif.*
<i>Leucaspis cockerelli</i> (de Charmoy) (Coccidae):					
<i>Citrus aurantifolia</i> (sour lime)	Costa Rica, Hawaii, Salvador	1	3		Calif.*
<i>Citrus grandis</i> (pummelo)	Hawaii	1			Calif.*
<i>Citrus limon</i> (lemon)	Philippines		1		Calif.*
<i>Citrus paradisi</i> (grapefruit)	Cuba, Jamaica, Panama	1	3		Calif., Fla.*
<i>Citrus sinensis</i> (orange)	Panama		2		Calif.*
Palm	Salvador			1	Tex.
<i>Ligyrocoris abdominalis</i> (G.-M.) (Lygaeidae):					
<i>Capsicum frutescens</i> (pepper)	Mexico	1			Tex.
<i>Laelia anceps</i> (orchid)	do			1	Tex.
<i>Laelia majalis</i>	do			1	Tex.
<i>Lycopersicon esculentum</i> (tomato)	do	1			Tex.
Orchid	do			2	Tex.
<i>Ligyrocoris aurivilliana</i> (Dist.) (Lygaeidae):					
<i>Chrysanthemum</i> sp.	do	3			Ariz., Tex.
<i>Lycopersicon esculentum</i> (tomato)	do	1			Tex.
<i>Ligyrocoris litigious</i> (Stal) (Lygaeidae):					
Orchid	do			1	Tex.
<i>Ligyrocoris nitidicollis</i> (Stal) (Lygaeidae):					
<i>Capsicum frutescens</i> (pepper)	do	1			Tex.
<i>Lineodes integra</i> (Zell.) (Pyraustidae):					
<i>Lycopersicon esculentum</i> (tomato)	do	2			Ariz., Tex.
<i>Liothrips vaneeckei</i> Pr. (Phlaeothripidae):					
<i>Lilium auratum platyphyllum</i> (broadleaf goldband lily)	Japan	1			Calif.*
<i>Lilium candidum</i> (Madonna lily)	France			2	N. Y.
<i>Lilium</i> sp.	Japan			2	Calif., Wash.
<i>Liriomyza pusilla</i> (Meig.) (Agromyzidae):					
<i>Capsicum frutescens</i> (pepper)	Mexico	1			Ariz.
<i>Euphorbia</i> sp.	Canada			1	N. Y.
<i>Lirix mucronatus</i> Oliv. (Curculionidae):					
<i>Apium graveolens</i> (celery)	Portugal		1		Pa.
<i>Longitarsus melanocephalus</i> (Deg.) (Chrysomelidae):					
Moss and forest litter around rhododendron	Netherlands			1	N. J.
<i>Lophocaretes pusillus</i> (Klug) (Ostomidae):					
<i>Zea mays</i> (corn)	Venezuela	1			Mass.
<i>Loxostege similalis</i> (Guen.) (Pyraustidae):					
<i>Brassica rapa</i> (turnip)	Mexico	1			Tex.
<i>Brassica</i> sp. (mustard)	do	1			Tex.
<i>Portulaca oleracea</i> (purslane)	do	1			Tex.
<i>Lycius caribaeus</i> Lesne (Lyctidae):					
<i>Ananas comosus</i> (pineapple)	do	1			Tex.
<i>Lygaeus circumspicatus</i> Dist. (Lygaeidae):					
Orchid	do			3	Tex.
<i>Lygaeus guatemalanus</i> Dist. (Lygaeidae):					
<i>Cattleya</i> sp. (orchid)	Venezuela			1	N. J.
<i>Lygaeus pusio</i> (Stal) (Lygaeidae):					
Orchid	Mexico			1	Tex.
<i>Lygaeus vitiscutis</i> Stal (Lygaeidae):					
<i>Cattleya</i> sp. (orchid)	Guatemala			1	Tex.
Orchid	Mexico			5	Tex.
<i>Lygus elisus</i> Van D. (Miridae):					
<i>Brassica rapa</i> (turnip)	do	1			Tex.
<i>Musa paradisiaca sapientum</i> (banana)	do	1			Calif.*
<i>Lygus oblineatus</i> (Say) (Miridae):					
<i>Chrysanthemum</i> sp.	do	1			Ariz.
<i>Limonium</i> sp. (?)	Bermuda	1			N. Y.
<i>Macrocephalus notatus</i> Westwood (Phymatidae):					
Orchid	Mexico			1	Tex.
<i>Macrocephalus stali</i> Handl. (Phymatidae):					
Orchid	do			3	Tex.
<i>Macropygium reticulare</i> F. (Pentatomidae):					
Orchid	do			2	Tex.

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<i>Maruca testulalis</i> (Geyer) (Pyraustidae):					
<i>Cajanus cajan</i> (pigeonpea)	Puerto Rico	1			Fla.*
<i>Canavalia</i> sp.	Hawaii	5			Calif.*
<i>Phaseolus vulgaris</i> var. (string bean)	Brazil, Hawaii, New Zealand, Panama, Puerto Rico.	2	7		Calif.*, Fla.*, Hawaii, La., Pa., Tex.
<i>Mecinus pyrastrer</i> (Hbst.) (Curculionidae):					
<i>Beta vulgaris</i> (beet)	Italy		1		Md.
<i>Mecolaemus carvalhoi</i> (Costa Lima) (Miridae):					
<i>Cattleya gaskelliana</i> (orchid)	Venezuela			1	N. J.
<i>Cattleya</i> sp.	do.			5	N. J.
Orchid	Brazil, Venezuela			3	N. J.
<i>Mecomtopus jansoni</i> Bates (Cerambycidae):					
<i>Musa paradisiaca sapientum</i> (banana)	Costa Rica	1			Calif.*
<i>Megacerus contaminatus</i> (Sharp) (Bruchidae):					
<i>Ipomoea</i> sp.	Mexico			1	D. C.
<i>Meristata dohrni</i> (Baly) (Chrysomelidae):					
<i>Vanda</i> sp. (orchid)	India			1	Wash.
<i>Meristata trifasciata</i> (Hope) (Chrysomelidae):					
<i>Vanda</i> sp. (orchid)	do.			1	Wash.
<i>Merobruchus flexicaulis</i> (Schaef.) (Bruchidae):					
<i>Pithecolobium flexicaule</i> (ebony)	Mexico	1			Tex.
<i>Merobruchus julianus</i> (Horn) (Bruchidae):					
Seed pod	do.			1	Tex.
<i>Metamasius sericeus</i> (Oliv.) (Curculionidae):					
<i>Musa paradisiaca sapientum</i> (banana)	Canal Zone, Costa Rica, Honduras, Nicaragua.	23			Calif.*, La., S. C.
<i>Metamasius sericeus carbonarius</i> Chev. (Curculionidae):					
<i>Ananas comosus</i> (pineapple)	Mexico	1			Tex.
Orchid	do.			1	Tex.
<i>Metrona tuberculata</i> (F.) (Chrysomelidae):					
<i>Musa paradisiaca sapientum</i> (banana)	Guatemala	1			Calif.*
<i>Micrapate brasiliensis</i> (Lesne) (Bostrichidae):					
Wood	Brazil	1			N. Y.
<i>Micrapate labialis</i> Lesne (Bostrichidae):					
<i>Sambucus</i> sp.	Mexico	1			N. Y.
<i>Microtheca ochroloma</i> Stal (Chrysomelidae):					
<i>Cattleya labiata</i> (orchid)	Brazil			1	Tex.
<i>Mimorista flavidissimalis</i> (Grt.) (Pyraustidae):					
Cactus	Mexico	1			Tex.
<i>Mimosestes dominicana</i> (Jek.) (Bruchidae):					
<i>Caesalpinia coriaria</i> (divi-divi)	Dominican Republic, Honduras, Mexico.	3			N. Y., Tex.
<i>Mimosestes sallaei</i> (Sharp) (Bruchidae):					
<i>Acacia farnesiana</i> (huisache)	Mexico	1			Tex.
<i>Molorchus minor</i> (L.) (Cerambycidae):					
<i>Pinus</i> sp. (pine)	Hungary	1			N. Y.
<i>Moneilema ebenus</i> Fisher var. (Cerambycidae):					
Cactus	Mexico			1	Tex.
<i>Monomorium destructor</i> (Jerd.) (Formicidae):					
<i>Cattleya</i> sp. (orchid)	Jamaica			1	Fla.
<i>Moodna bisinuella</i> Hamp. (Phycitidae):					
<i>Zea mays</i> (corn)	Mexico	14			Tex.
<i>Morganella longispina</i> (Morg.) (Coccidae):					
<i>Citrus grandis</i> (pummelo)	Philippines, Tabiti		2		Calif.*
<i>Nerium oleander</i> (oleander)	Bahamas	1			Fla.*
<i>Mormidea r-luteum</i> (Licht) (Pentatomidae):					
<i>Cattleya warneri</i> (orchid)	Brazil			1	Calif.*
Orchid	do.			1	Fla.
<i>Myelois ceratoniae</i> Zell. (Phycitidae):					
<i>Malus sylvestris</i> (apple)	Italy	1			N. Y.
<i>Punica granatum</i> (pomegranate)	do.	1			N. Y.
<i>Tamarindus indica</i> (tamarind)	Montserrat, Puerto Rico.	2			N. Y.
<i>Myodocha longicollis</i> Stal (Lygaeidae):					
Orchid	Mexico			1	Tex.
<i>Nabis alternatus</i> Parsh. (Nabidae):					
<i>Brassica</i> sp. (mustard)	do.	1			Tex.
<i>Napomyza lateralis</i> (Fall.) (Agromyzidae):					
<i>Cichorium endivia</i> (endive)	Belgium	1			N. Y.

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		Consump- tion	Nonentry	Propaga- tion	
<i>Nasutitermes corniger</i> (Motsch.) (Termitidae):					
<i>Dalbergia</i> sp. (rosewood)	Brazil	1			N. Y.
<i>Musa paradisiaca sapientum</i> (banana)	Costa Rica, Guatemala	2			Calif.*, Md.
Orchid	Honduras			1	Tex.
<i>Nemopogon granella</i> (L.) (Tineidae):					
<i>Anemone</i> sp.	Netherlands	1		1	Minn., N. Y.
<i>Gladiolus</i> sp.	do	1			Pa.
<i>Tulipa</i> sp. (tulip)	do			1	Tex.
<i>Neocattarus vegetus</i> Dist. (Lygaeidae):					
Orchid	Mexico			1	Tex.
<i>Neoleucinodes elegantalis</i> (Guen.) (Pyraustidae):					
<i>Lycopersicon esculentum</i> (tomato)	do	80			Tex.
<i>Nysius basalis</i> Dallas (Lygaeidae):					
Orchid	do			1	Tex.
<i>Nysius calliger</i> Stal (Lygaeidae):					
Cactus	do			1	Tex.
<i>Nysius dallasi</i> White (Lygaeidae):					
Airplane	Philippines		1		Hawaii.
<i>Nysius minutus</i> Uhler (Lygaeidae):					
Airplane	Mexico		1		Tex.
<i>Brassica oleracea capitata</i> (cabbage)	do	2			Ariz.
<i>Brassica rapa</i> (turnip)	do	7			Tex.
<i>Brassica</i> sp. (mustard)	do	16			Ariz., Tex.
<i>Lathyrus odoratus</i> (sweet pea)	do	1			Tex.
<i>Physalis</i> sp. (husk tomato)	do	1			Tex.
<i>Portulaca oleracea</i> (purslane)	do	2			Tex.
<i>Raphanus sativus</i> (radish)	do	6			Tex.
<i>Spinacia oleracea</i> (spinach)	do	2			Ariz.
<i>Nysius raphanus</i> Howard (Lygaeidae):					
<i>Brassica oleracea botrytis</i> (cauliflower)	do	1			Tex.
<i>Brassica rapa</i> (turnip)	do	6			Tex.
<i>Brassica</i> sp. (mustard)	do	17			Tex.
<i>Chrysanthemum</i> sp.	do	3			Ariz., Tex.
<i>Persea americana</i> (avocado)	do	1			Tex.
<i>Raphanus sativus</i> (radish)	do	6			Tex.
<i>Nysius simulans</i> Stal (Lygaeidae):					
<i>Brassica oleracea capitata</i> (cabbage)	Argentina		1		Tex.
<i>Ogdoecosta biannularis</i> (Boh.) (Chrysomelidae):					
Cactus	Mexico			1	Tex.
Orchid	do			1	Tex.
<i>Ogdoecosta juvenca</i> (Boh.) (Chrysomelidae):					
Orchid	do			2	Tex.
<i>Olibrus submaculatus</i> Sharp (Phalaecridae):					
<i>Ananas comosus</i> (pineapple)	do	2			Tex.
<i>Oosternum costatum</i> Sharp (Hydrophilidae):					
<i>Morus</i> sp. (mulberry)	Bahamas			1	Tex.
Orchid	Mexico			1	Tex.
<i>Orycaenus bicolor</i> Fieber (Lygaeidae):					
Orchid	Australia	1			Hawaii.
<i>Ozophora consanguineus</i> (Dist.) (Lygaeidae):					
<i>Laelia anceps</i> (orchid)	Mexico			2	Tex.
Orchid	do			2	Tex.
<i>Pachycoris torridus</i> (Scop.) (Pentatomidae):					
Orchid	do			1	Tex.
<i>Palaeopus costicollis</i> Marsh. (Curculionidae):					
<i>Dioscorea</i> sp. (yam)	Jamaica	1			N. Y.
<i>Pantomorus godmani</i> (Crotch) (Curculionidae):					
<i>Lathyrus odoratus</i> (sweet pea)	Portugal			1	Mass.
<i>Laurus nobilis</i> (Grecian laurel)	Unknown	1			Mass.
Soil around roots of honeysuckle plant	Azores			1	Mass.
<i>Paraleyrodes naramjæ</i> Dozier (Aleyrodidae):					
<i>Citrus</i> sp.	Puerto Rico	1			Fla.*
<i>Paraleyrodes singularis</i> Bondar (?) (Aleyrodidae):					
<i>Citrus sinensis</i> (orange)	Mexico	2			Tex.
<i>Parlatoria camelliae</i> Comst. (Coccidae):					
<i>Camellia</i> sp.	China, Japan, Switzer- land.	1		3	Calif.*, N. J., N.Y., Wash.
<i>Parlatoria cinerea</i> Hadden (Coccidae):					
<i>Citrus aurantifolia</i> (sour lime)	Guatemala (?), Mexico Tahiti.		7		Calif.*
<i>Citrus grandis</i> (pummelo)	Tahiti		1		Calif.*
<i>Citrus paradisi</i> (grapefruit)	Argentina, Brazil, France.		4		Calif.,* Fla.*

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<i>Parlatoria citrenea</i> Hadden (Coccidae)—Con. <i>Citrus sinensis</i> (orange).....	Argentina, Brazil, Guatemala, Jamaica.	---	13	---	Calif.*
<i>Parlatoria citri</i> McKenzie (Coccidae): <i>Citrus grandis</i> (pummelo).....	Philippines	---	1	---	Calif.*
<i>Parlatoria crotonis</i> Dougl. (Coccidae): <i>Codiaeum</i> sp. (croton).....	Soldier's mail	---	---	1	N. J.
<i>Parlatoria oleae</i> (Colvee) (Coccidae): <i>Malus sylvestris</i> (apple).....	Italy, Lebanon	3	---	---	N. Y.
<i>Prunus domestica</i> (plum).....	Argentina, Portugal, Turkey.	4	2	---	Mass., N. Y.
<i>Prunus persica</i> (peach).....	Argentina	1	---	---	N. Y.
<i>Pyrus communis</i> (pear).....	do.	1	---	---	N. Y.
<i>Sorbus domestica</i> (service tree).....	Italy	1	---	---	N. Y.
<i>Vitis</i> sp. (grape).....	do.	---	---	1	N. J.
<i>Parlatoria pseudaspidotus</i> Ldgr. (Coccidae): Orchid.....	Canal Zone	---	---	1	P. R.
<i>Vanda joaquimiae</i> (orchid).....	Canal Zone, Philippines	---	---	4	Calif.,* Hawaii,* N. J.
<i>Vanda teres</i>	do.	---	---	4	Calif.,* Tex.
<i>Vanda</i> sp.....	Canal Zone	---	---	1	Tex.
<i>Parlatoria theae</i> Ckll. (Coccidae): <i>Acer</i> sp. (maple).....	Japan	---	---	6	Calif.,* Wash.
<i>Prunus</i> sp.....	do.	---	---	2	Calif.,* Wash.
<i>Parlatoria zizyphus</i> (Lucas) (Coccidae): <i>Citrus aurantifolia</i> (sour lime).....	Puerto Rico (?)	1	---	---	Fla.*
<i>Citrus grandis</i> (pummelo).....	China, Malay States, Philippines, Siam.	2	2	---	Calif.,* Hawaii.
<i>Citrus paradisi</i> (grapefruit).....	Thailand	1	---	---	N. Y.
<i>Citrus reticulata</i> (tangerine).....	China, Philippines	---	2	---	Calif.*
<i>Citrus sinensis</i> (orange).....	China	1	---	---	Minn.
<i>Parozyna sororcula</i> (Wied.) (Tephritidae): Airplane.....	Mexico (?)	---	---	1	Tex.
<i>Pealius hibisci</i> (Kot.) (Aleyrodidae): <i>Hibiscus</i> sp.....	Hawaii	---	---	1	Calif.*
<i>Pealius rhododendri</i> Takah. (Aleyrodidae): <i>Rhododendron</i> sp.....	Japan	---	---	1	Hawaii.
<i>Pectinophora gossypiella</i> (Saund.) (Gelechiidae): <i>Gossypium</i> sp. (cottonseed).....	Brazil, British West Indies, Hawaii, Italy, Mexico, St. Kitts, Venezuela.	21	---	1	Calif.,* D. C., Fla.,* Mass., N. J., N. Y., Tex., Wash.
<i>Gossypium</i> sp. (cotton; gin motes).....	Brazil	1	---	---	Tex.
<i>Gossypium</i> sp. (cotton boll).....	Hawaii, Italy	2	---	---	Calif.,* N. Y.
<i>Gossypium</i> sp. (seed cotton).....	Egypt	2	---	---	Ohio.
<i>Hibiscus esculentus</i> (okra).....	Cyprus, Dominican Republic, Puerto Rico.	2	---	1	Mich., N. Y.
<i>Periphyllus horridus</i> Theobald (?) (Aphidae): <i>Acer palmatum</i> (Japanese maple).....	Netherlands	---	---	2	N. J.
<i>Acer</i> sp. (maple).....	do.	---	---	10	N. J.
<i>Phalonia zephyrana</i> (Treit.) (Phalonidae): <i>Daucus carota</i> (carrot).....	Italy	---	1	---	Md.
<i>Phatnoma annulipes concisa</i> Drake (Tingidae): Orchid.....	Mexico	---	---	2	Tex.
<i>Phelypera distigma</i> Boh. (Curculionidae): <i>Laelia anceps</i> (orchid).....	do.	---	---	1	Tex.
Orchid.....	do.	---	---	1	Tex.
<i>Phenacaspis sandwicensis</i> Fullaway (?) (Coccidae): <i>Cocos nucifera</i> (coconut).....	Hawaii	8	---	---	Calif.*
<i>Mangifera indica</i> (mango).....	do.	2	---	---	Calif.*
<i>Streitzia</i> sp.....	do.	1	---	---	Calif.*
<i>Phenacoccus gossypii</i> Towns. & Ckll. (Coccidae): <i>Hibiscus</i> sp.....	Bermuda	1	---	---	Mass.
<i>Ipomoea</i> sp. (morning glory).....	Mexico	---	1	---	Tex.
<i>Musa paradisiaca sapientum</i> (banana).....	do.	1	---	---	Tex.
<i>Pelargonium</i> sp. (geranium).....	do.	1	---	---	Tex.
<i>Phlyctinus callosus</i> Boh. (Curculionidae): <i>Vitis</i> sp. (grape).....	Union of South Africa, unknown.	3	---	---	N. Y., Va.
<i>Phyllobius intrusus</i> Kono (Curculionidae): Soil around dwarf cedar.....	Japan	---	---	1	Wash.

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<i>Phyllophaga alquizar</i> Chapin (Scarabaeidae): <i>Ananas comosus</i> (pineapple).....	Cuba (?).....	1			N. Y.
<i>Phyllotreta atra</i> (F.) (Chrysomelidae): <i>Crataegus</i> sp.....	Germany.....			1	N. J.
<i>Phyllotreta cruciferae</i> (Goeze) (Chrysomelidae): <i>Brassica oleracea botrytis</i> (cauliflower).....	Belgium.....		1		Pa.
<i>Brassica oleracea capitata</i> (cabbage).....	England.....		1		Tex.
<i>Phyllotreta undulata</i> (Kutsch.) (Chrysomelidae): <i>Crataegus</i> sp.....	Germany.....			1	N. J.
Shrub.....	Netherlands.....			1	N. J.
<i>Phymatodes lividus</i> Rossi (Cerambycidae): <i>Castanea</i> sp. (chestnut).....	Italy.....	1			N. Y.
<i>Physonota attenuata</i> Boh. (Chrysomelidae): <i>Lycopersicon esculentum</i> (tomato).....	Mexico.....	1			Tex.
Orchid.....	do.....			1	Tex.
<i>Physonota mexicana</i> Boh. (Chrysomelidae): <i>Musa paradisiaca sapientum</i> (banana).....	do.....	1			Calif.*
<i>Phytobius quadrituberculatus</i> (F.) (Curculionidae): <i>Crataegus</i> sp.....	Germany.....			1	N. J.
Moss and forest litter around rhododendron.....	Netherlands.....			1	N. J.
<i>Phytomyza atricornis</i> Meig. (Agromyzidae): <i>Cichorium endivia</i> (endive).....	Belgium.....	1			N. Y.
<i>Phaseolus vulgaris</i> (kidney bean).....	Costa Rica.....		1		Calif.*
<i>Phytomyza obscurella nigritella</i> Zett. (Agromyzidae): <i>Nepeta cataria</i> (catnip).....	Canada.....			1	N. Y.
<i>Pieris brassicae</i> (L.) (Pieridae): <i>Brassica oleracea capitata</i> (cabbage).....	England, France.....		2		N. Y., Va.
<i>Pinnaaspis buri</i> (Bouche) (Coccidae): <i>Anthurium</i> spp.....	Guatemala.....			1	Calif.*
<i>Strelitzia</i> sp.....	Hawaii.....	1			Calif.*
<i>Syngonium</i> sp.....	Haiti.....			1	Fla.*
<i>Pityogenes chalcographus</i> (L.) (Scolytidae): <i>Picea</i> sp. (spruce).....	Germany, Sweden.....	2			N. Y.
<i>Pinus</i> sp. (pine).....	Czechoslovakia, Sweden.....	5			N. Y.
<i>Pityophthorus coronarius</i> Blkm. (Scolytidae): <i>Sambucus</i> sp.....	Mexico.....	1			N. Y.
<i>Plagiodera atritarsis</i> Stal (Chrysomelidae): <i>Lycaste</i> sp. (orchid).....	Guatemala.....			1	Tex.
Orchid.....	Mexico.....			1	Tex.
<i>Plagiodera congesta</i> Stal (Chrysomelidae): Orchid.....	do.....			2	Tex.
<i>Plagiodera semivittata</i> Stal (Chrysomelidae): Orchid.....	do.....			5	Tex.
<i>Plagiodera thymaloides</i> Stal (Chrysomelidae): Orchid.....	do.....			7	Tex.
<i>Platoceticus symmicta</i> Dyar (Psychidae): <i>Ananas comosus</i> (pineapple).....	do.....	1			Tex.
<i>Musa paradisiaca sapientum</i> (banana).....	Guatemala, Mexico.....	2			La., Tex.
<i>Platycarenum humilis</i> (H.-S.) (Pentatomidae): <i>Musa paradisiaca sapientum</i> (banana).....	Costa Rica, Mexico.....	4			Calif.*
Orchid.....	Mexico.....			1	Tex.
<i>Platynota rostrana</i> (Wlk.) (Tortricidae): <i>Ananas comosus</i> (pineapple).....	Cuba.....	3			Tex.
<i>Capsicum frutescens</i> (pepper).....	Mexico.....	1			Tex.
<i>Lycopersicon esculentum</i> (tomato).....	do.....	2			Tex.
<i>Platynota rostrana</i> (Wlk.) (?) (Tortricidae): <i>Cajanus cajan</i> (pigeonpea).....	Puerto Rico.....	1			N. Y.
<i>Platynota stullana</i> (Wlsm.) (Tortricidae): <i>Capsicum frutescens</i> (pepper).....	Mexico.....	107			Ariz.
<i>Lycopersicon esculentum</i> (tomato).....	do.....	2			Tex.
<i>Platypus rugulosus</i> Chapuis (Platypodidae): Log.....	do.....	3			Calif.*
<i>Pnyxia scabiei</i> (Hopkins) (Fungivoridae): Soil around astilbe roots.....	Netherlands.....			1	N. J.
<i>Pogonocherus fasciculatus</i> (Deg.) (Cerambycidae): Conifer slat.....	Finland.....	1			Pa.
<i>Pinus</i> sp. (pine).....	Sweden.....	1			N. Y.
" <i>Poliaspis</i> " <i>pini</i> Mask. (Coccidae): <i>Cupressus</i> spp.....	Japan.....			1	Calif.*
<i>Pinus</i> sp. (pine).....	Japan, Korea.....			11	Calif.*, Hawaii, Oreg., Wash.

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<i>Polydortomyia curvipes</i> (Wied.) (Syrphidae):					
Gladiolus sp.	Mexico	1			Tex.
<i>Polygraphus poligraphus</i> (L.) (Scolytidae):					
Picea sp. (spruce)	Norway	1			N. Y.
<i>Premnotrypes solani</i> Pierce (?) (Curculionidae):					
Solanum tuberosum (potato)	Peru	1			Fla.*
<i>Premnotrypes vorax</i> (Hust.) (Curculionidae):					
Solanum tuberosum (potato)	Ecuador		1		N. Y.
<i>Prodenia eridania</i> (Cram.) (Phalaenidae):					
Capsicum frutescens (pepper)	Cuba	1			N. Y.
<i>Prodenia ornithogalli</i> Guen. (Phalaenidae):					
Dahlia sp.	Bermuda	1			N. Y.
Oryza sativa (rice)	India	1			Ala.
<i>Protopulvinaria longivalvata</i> Green (Coccidae):					
Anthurium sp.	British Guiana	1			P. R.
Cattleya mossiae (orchid)	Venezuela			1	Calif.*
Gardenia augusta (gardenia)	Mexico	1			Tex.
<i>Protopulvinaria pyriformis</i> (Ckll.) (Coccidae):					
Gardenia augusta (gardenia)	Cuba, Puerto Rico, Venezuela.	6			Fla.*, N. Y.
Laurus nobilis (Grecian laurel)	Barbados	1			Fla.*
Plumeria sp.	Canal Zone	1			Fla.*
<i>Pseudaonidia clavigera</i> Ckll. (Coccidae):					
Hibiscus sp.	Hawaii			1	Calif.*
<i>Pseudaonidia curculiginis</i> Green (Coccidae):					
Cymbidium atropurpureum (orchid)	Philippines			1	Calif.*
<i>Pseudaonidia tesserata</i> (de Charm.) (Coccidae):					
Cutting	Jamaica	1			Fla.*
Smilax sp.	Trinidad			1	D. C.
Vanda sp. (orchid)	do			1	Tex.
<i>Pseudaonidia trilobitiformis</i> (Green) (Coccidae):					
Citrus aurantifolia (sour lime)	Argentina, Panama	2			Calif.*
Citrus limon (lemon)	Argentina, East Africa	3			Calif.*
<i>Pseudischnaspis alienus</i> (Newst.) (Coccidae):					
Brassavola sp. (orchid)	Honduras			2	Fla., N. J.
Cattleya skinneri (orchid)	Costa Rica			1	Calif.*
Cattleya sp.	British Honduras, Salvador.			2	Tex.
Epidendrum atropurpureum (orchid)	Guatemala			1	Calif.*
Laelia anceps (orchid)	Mexico			1	Tex.
Laelia sp.	Costa Rica, Mexico			2	Tex.
Oncidium sp. (orchid)	Mexico			1	Tex.
Orchid	Costa Rica, Guatemala, Salvador.			4	Fla.*, Tex.
<i>Pseudococcus lilacinus</i> Ckll. (Coccidae):					
Vanda luzonica (orchid)	Philippines			1	Calif.*
<i>Pseudococcus palmarum</i> (Ehrh.) (Coccidae):					
Ananas comosus (pineapple)	Hawaii	1			Calif.*
Cocos nucifera (coconut)	Hawaii, Philippines	7	1	1	Calif.*
<i>Pseudococcus pini</i> (Kuw.) (Coccidae):					
Pinus sp. (pine)	Japan			2	Calif.*, Wash.
<i>Pseudodiaspis yuccae</i> (Ckll.) (Coccidae):					
Cassia sp.	Mexico			1	Ariz.
<i>Pseudoparlatoria ostreata</i> Ckll. (Coccidae):					
Odontoglossum grande (orchid)	Guatemala			1	Calif.*
Oncidium urophyllum (orchid)	Leeward Islands			1	N. J.
Opuntia sp.	Guatemala			1	N. J.
Philodendron sp.	Mexico			1	Calif.*
<i>Psila rosae</i> (F.) (Psilidae):					
Apium graveolens (celery)	England, Ireland, Sweden.	4			Ala., Pa., Tex.
Apium graveolens rapaceum (celeriac)	Netherlands, Norway, Sweden.	4			La., Tex.
Brassica rapa (turnip)	England	1			Tex.
Cynara cardunculus (cardoon)	Italy			1	N. Y.
Daucus carota (carrot)	England, France, Ireland, Martinique, Netherlands, Spain, Sweden, unknown, Wales.	26			Calif.*, La., N. Y., Tex.
Pastinaca sativa (parsnip)	Denmark	1			Tex.
Soil with chrysanthemum plant	France			1	N. Y.
Soil with carrots.	England, Scotland	3			Tex.

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<i>Pteleobius vittatus</i> (F.) (Scolytidae):					
<i>Ulmus</i> sp. (elm)	England	1			N. Y.
<i>Ptochoryctis tsugensis</i> Kearf. (Xyloryctidae):					
<i>Pinus</i> sp. (pine)	Japan			1	Calif.*
<i>Pulvinaria psidii</i> Mask. (Coccidae):					
<i>Vanda</i> sp. (orchid)	Philippines			1	Calif.*
<i>Puto mexicanus</i> (Ckll.) (Coccidae):					
Orchid	Mexico			2	Tex.
<i>Pyrausta nubilalis</i> (Hbn.) (Pyraustidae):					
<i>Capsicum frutescens</i> (pepper)	Italy	1			N. Y.
<i>Sorghum vulgare</i> (sorghum)	India		1		Mass.
<i>Sorghum vulgare technicum</i> (broomcorn)	Hungary, Italy	3			Mass., N. Y., Ohio.
<i>Raphidopalpa femoralis</i> Mots. (Chrysomelidae):					
<i>Juniperus</i> sp. (juniper)	Japan			2	Wash.
<i>Renocis mexicanus</i> Blkm. (Scolytidae):					
<i>Merostachys</i> sp.	Mexico	1			Ariz.
<i>Reticulitermes flavipes</i> (Kol.) (Rhinothritidae):					
<i>Laelia anceps</i> (orchid)	do			1	Tex.
Orchid	do			1	Tex.
Soil around citrus tree	do			1	Tex.
<i>Rhagoletis alternata</i> (Fall.) (Tephritidae):					
<i>Rosa canina</i> (dog rose)	Sweden			1	Ohio.
<i>Rhagoletis cerasi</i> (L.) (Tephritidae):					
<i>Prunus</i> sp. (cherry)	Czechoslovakia, France, Italy, Portugal, Switzerland.	6	1		Ill., N. Y.
<i>Rhagoletis cerasi</i> (L.) (?) (Tephritidae):					
<i>Prunus</i> sp. (cherry)	Unknown	2			N. Y.
<i>Rhagoletis pomonella</i> (Walsh) (Tephritidae):					
<i>Malus sylvestris</i> (apple)	Mexico	2			Tex.
<i>Rhagoletis pomonella</i> (Walsh) (?) (Tephritidae):					
<i>Crataegus</i> sp. (thornapple)	do	1			Tex.
<i>Malus sylvestris</i> (apple)	do	1			Tex.
<i>Rhagoletis striatella</i> (?) Wulp (Tephritidae):					
<i>Physalis</i> sp. (husk tomato)	do	1			Tex.
<i>Rhinoncus bruchoides</i> (Hbst.) (Curculionidae):					
<i>Crataegus</i> sp.	Germany			1	N. J.
Moss and forest litter around rhododendron	Netherlands			1	N. J.
<i>Rhinoncus pericarpus</i> (L.) (Curculionidae):					
Moss and soil packing	Norway	1			N. Y.
<i>Rhinoncus perpendicularis</i> (Reich.) (Curculionidae):					
<i>Vitis</i> sp. (grape)	Italy			1	N. J.
<i>Rhopalophora incrustata</i> Chevr. (Cerambycidae):					
<i>Sambucus</i> sp.	Mexico	1			N. Y.
<i>Rhopalosiphoninus tulipaella</i> Theob. (Aphidae):					
<i>Crocus</i> sp.	Netherlands	1			Fla.*
<i>Tulipa</i> sp. (tulip)	do	1			Fla.*
<i>Rhopobota naevana</i> (Hbn.) (Olethreutidae):					
<i>Vaccinium</i> sp.	Finland			1	Wash.
<i>Rhynchaenus fagi</i> L. (Curculionidae):					
<i>Crataegus</i> sp.	Germany			1	N. J.
<i>Ribua innoria</i> Hein. (Phycitidae):					
<i>Ananas comosus</i> (pineapple)	Cuba	4			N. Y., Tex.
<i>Rutidosoma fallax</i> (Otto) (Curculionidae):					
<i>Crataegus</i> sp.	Germany			2	N. J.
<i>Scolopostethus affinis</i> (Schill.) (Lygaeidae):					
<i>Primula</i> sp.	England			1	Wash.
<i>Scolytus intricatus</i> (Ratz.) (Scolytidae):					
<i>Quercus</i> sp. (oak)	Netherlands	1			Pa.
<i>Scolytus rugulosus</i> Ratz. (Scolytidae):					
<i>Prunus persica</i> (peach)	Mexico	1			Calif.
<i>Sericophanes ocellatus</i> Reuter (Miridae):					
<i>Dianthus</i> sp. (pink)	do	2			Tex.
<i>Sesamia cretica</i> Led. (Phalaenidae):					
<i>Sorghum vulgare technicum</i> (broomcorn)	Italy	16			Mass., N. Y.
<i>Setomorphus rutella</i> (Zell.) (Tineidae):					
<i>Areca catechu</i> (betel palm)	Philippines	1			Hawaii.*
<i>Lilium</i> sp. (lily)	Mexico			1	Tex.
Orchid	do			1	Tex.
<i>Stenocactus</i> sp. (cactus)	do			1	Tex.

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<i>Sibine stimulea</i> (Clem.) (Limacodidae):					
<i>Musa paradisiaca sapientum</i> (banana)-----	Costa Rica-----	1			Calif.*
<i>Sibinia potentillae</i> Germ. (Curculionidae):					
Moss and forest litter around rhododendron	Netherlands-----			1	N. J.
<i>Sinorylon anale</i> Lesne (Bostrichidae):					
<i>Gossypium</i> sp. (cottonseed)-----	Anglo-Egyptian Sudan	1			Va.
Twig basket-----	Philippines-----	1			Hawaii.*
Wood-----	India-----	3			N. Y.
<i>Sinorylon sexdentatum</i> (Oliv.) (Bostrichidae):					
<i>Nerium</i> sp-----	Portugal-----	1			Va.
<i>Sisamnes contractus</i> Dist. (Lygaeidae):					
<i>Ananas comosus</i> (pineapple)-----	Mexico-----	2			Tex.
Orchid-----	do-----			1	Tex.
<i>Sitona lineata</i> (L.) (Curculionidae):					
<i>Malus sylvestris</i> (apple)-----	Netherlands-----		1		N. Y.
<i>Narcissus</i> sp-----	do-----			1	N. J.
<i>Rhododendron</i> sp-----	do-----			1	N. J.
Shrub-----	do-----			1	N. J.
<i>Sizeonotus luteiceps</i> Reut. (Miridae):					
Cactus-----	Mexico-----			11	Tex.
<i>Mammillaria compressa rosea</i> (cactus)-----	do-----			1	Tex.
<i>Mammillaria magnimamma</i> -----	do-----			1	Calif.*
<i>Mammillaria</i> sp-----	do-----			1	Tex.
<i>Sosylus terminalis</i> Sharp (Colydiidae):					
<i>Spondias</i> sp-----	Venezuela-----	1			N. Y.
<i>Sparticus villosus</i> (F.) (Bruchidae):					
<i>Cytisus scoparius</i> (Scotch broom)-----	Denmark-----			1	N. Y.
<i>Laburnum anagyroides</i> -----	Italy-----			1	D. C.
<i>Specularius impressithorax</i> (Pic) (Bruchidae):					
<i>Erythrina</i> sp-----	Belgian Congo-----			1	N. J.
<i>Sphenarches caffer</i> (Zell.) (Pterophoridae):					
<i>Cajanus cajan</i> (pigeonpea)-----	Puerto Rico-----	3			N. Y.
<i>Stenomoma anonella</i> Sepp. (Stenomidae):					
<i>Annona muricata</i> (sourson)-----	Honduras, Venezuela-----	1	1		La., N. Y.
<i>Stenomoma catenifer</i> (Wlsm.) (Stenomidae):					
<i>Persea americana</i> (avocado)-----	Canal Zone, Panama, Mexico, Nicaragua, Salvador, Venezuela.	16	2		Ala., Calif.,* N. Y., Tex.
<i>Stenogrynus quadrinotatus</i> Bates (Cerambycidae):					
<i>Gossypium</i> sp. (seed cotton)-----	India-----	1			N. Y.
<i>Stephanitis pyroides</i> (Scott) (Tingidae):					
<i>Rhododendron</i> sp-----	Japan-----			2	Wash.
<i>Stephanoderes lecontei</i> Hopk. (?) (Scolytidae):					
<i>Catasetum</i> sp. (orchid)-----	Canal Zone-----			1	N. J.
<i>Stephanopachys rugosus</i> (Oliv.) (Bostrichidae):					
<i>Pinus</i> sp. (pine)-----	Cuba-----	1			N. Y.
<i>Stilodes caelebs</i> (Stal) (Chrysomelidae):					
Orchid-----	Mexico-----			1	Tex.
<i>Strophosoma melanogrammus</i> Forst. (Curculionidae):					
<i>Dianthus</i> sp-----	Denmark-----			1	N. J.
<i>Strophosoma rufipes</i> Steph. (Curculionidae):					
Moss and forest litter around rhododendron	Netherlands-----			1	N. J.
<i>Synchlora aerata</i> (F.) (Geometridae):					
<i>Chrysanthemum parthenium</i> (feverfew)-----	Mexico-----	1			Tex.
Herb-----	Bermuda-----	1			Va.
<i>Systole gepiculata</i> Foerst. (Eurytomidae):					
<i>Coriandrum sativum</i> (coriander)-----	Mexico-----	1			Ariz.
<i>Taeniothrips ericae</i> (Hal.) (Thripidae):					
<i>Erica</i> sp. (heath)-----	England-----			1	N. J.
<i>Taeniothrips hawaiiensis</i> (Morg.) (Thripidae):					
<i>Canavalia</i> sp-----	Hawaii-----	6			Calif.*
<i>Gardenia</i> sp-----	do-----	2			Calif.*
Multiflowered lei-----	do-----	1			Wash.
<i>Taeniothrips simplex</i> (Mor.) (Thripidae):					
<i>Gladiolus</i> sp-----	Canada, Central America, Mexico, Netherlands, unknown.	1	2	3	La., N. J., Tex.
<i>Rosa</i> sp. (rose)-----	Central America-----			1	La.
<i>Talponia batesi</i> Hein. (Olethreutidae):					
<i>Annona cherimola</i> (cherimoya)-----	Mexico-----	1			Tex.

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" <i>Targionia</i> " <i>bromiliae</i> (Leon.) (Coccidae): <i>Ananas comosus</i> (pineapple).....	Azores, Mexico.....	20			N. Y., Tex.
" <i>Targionia</i> " <i>hartii</i> (Ckll.) (Coccidae): <i>Dioscorea</i> sp. (yam).....	Barbados, Dominica, Puerto Rico, St. Kitts, St. Vincent, Virgin Islands, West Indies.	8			Fla.* Ill., N. Y.
" <i>Targionia</i> " <i>sacchari</i> (Ckll.) (Coccidae): Gramineae.....	Guam.....	1			Calif.*
Grass.....	Salpan.....	1			Calif.*
<i>Gynierum</i> sp.....	Costa Rica.....		1		D. C.
<i>Saccharum officinarum</i> (sugarcane).....	Puerto Rico.....	3			N. Y.
<i>Targionia yuccarum</i> (Ckll.) (Coccidae): <i>Sedum</i> sp.....	Mexico.....			1	Calif.*
<i>Tempyra biguttula</i> Stal (Lygaeidae): <i>Laelia anceps</i> (orchid).....	do.....			1	Tex.
<i>Tenthoris angustimarginatus</i> Hsiao & Sailer (Miridae): <i>Laelia anceps</i> (orchid).....	do.....			1	Tex.
Orchid.....	do.....			9	Tex.
<i>Tenthoris balloui</i> Hsiao & Sailer (Miridae): <i>Miltonia vexillaria</i> (orchid).....	Colombia.....			1	Calif.*
<i>Tenthoris bicolor</i> Scott (Miridae): <i>Cattleya harrisioniana</i> (orchid).....	Brazil.....			1	Calif.*
<i>Cattleya labiata</i>	do.....			2	N. J.
<i>Cattleya</i> sp.....	do.....			5	N. J.
<i>Laelia purpurata</i> (orchid).....	do.....			3	Calif.* N. J.
<i>Laelia</i> sp.....	do.....			2	N. J.
Orchid.....	do.....			5	Fla., P. R. Tex., Wash.
<i>Sophronitis</i> sp. (orchid).....	do.....			1	N. J.
<i>Tenthoris columbiensis</i> Hsiao & Sailer (Miridae): <i>Cattleya</i> sp. (orchid).....	Colombia.....			1	Fla.
<i>Tenthoris confusus</i> Hsiao & Sailer (Miridae): <i>Cattleya</i> sp.....	Guatemala.....			1	Tex.
<i>Laelia anceps</i> (orchid).....	Mexico.....			1	Tex.
<i>Laelia</i> sp.....	Honduras, Mexico.....			3	Tex.
Orchid.....	Mexico.....			14	Tex.
<i>Tenthoris distinctus</i> Hsiao & Sailer (Miridae): Orchid.....	Guatemala, Mexico.....			13	Calif.* Fla., Tex.
<i>Stanhopea</i> sp. (orchid).....	Guatemala.....			1	Fla.
<i>Tenthoris distinguendus</i> Hsiao & Sailer (Miridae): <i>Epidendrum atropurpureum</i> (orchid).....	Canal Zone.....			2	Fla.*
<i>Tenthoris exilis</i> (Dist.) (Miridae): <i>Cattleya</i> sp. (orchid).....	Brazil, Colombia.....			6	Fla., N. J.
Orchid.....	Brazil.....			1	N. J.
<i>Tenthoris venezuelensis</i> (Hsiao & Sailer) (Miridae): <i>Cattleya gaskelliana</i> (orchid).....	Venezuela.....			2	N. J.
<i>Cattleya gigas</i>	Colombia.....			1	Fla.
<i>Cattleya mossiae</i>	Venezuela.....			2	Fla.
<i>Cattleya percivaliana</i>	do.....			2	Fla., N. J.
<i>Cattleya</i> sp.....	Soldier's mail, Venezu- ela.			22	Fla., N. J.
Orchid.....	Argentina, Brazil, Vene- zuela.			6	La., N. J., P. R.
<i>Tenthoris vestitus</i> (Dist.) (Miridae): <i>Odontoglossum grande</i> (orchid).....	Guatemala.....			1	Fla.
Orchid.....	Costa Rica.....			1	Fla.
<i>Tephritis genalis</i> (Thoms.) (Tephritidae): Airplane.....	Mexico.....		1		Tex.
<i>Tetraleurodes mori</i> (Q.) (Aleyrodidae): <i>Citrus sinensis</i> (orange).....	do.....	5			Tex.
<i>Citrus</i> sp.....	do.....	4			Tex.
<i>Dahlia</i> sp.....	do.....	1			Ariz.
<i>Hibiscus</i> sp.....	do.....		1		Ariz.
Leaf.....	do.....	1			Ariz.
<i>Psidium guajava</i> (guava).....	do.....	1			Tex.

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<i>Texananus spatulatus</i> (Van Duzee) (Cicadellidae):					
<i>Lilium</i> sp. (lily)	do	1			Tex.
<i>Thrips angusticeps</i> Uzel (Thripidae):					
<i>Cichorium intybus</i> (escarol)	France		1		N. Y.
<i>Thrips fuscipennis</i> Hal. (Thripidae):					
<i>Dianthus</i> sp. (carnation)	England	1			N. Y.
<i>Thyanta perditor</i> (F.) (Pentatomidae):					
<i>Cajanus cajan</i> (pigeonpea)	Puerto Rico	1			N. Y.
<i>Trialeurodes vaporariorum</i> (Westw.) (Aleyrodidae):					
<i>Ageratum</i> sp.	Netherlands			1	N. J.
Leaf	Brazil			1	D. C.
<i>Trichobaris mucorea</i> (Lec.) (Curculionidae):					
<i>Solanum melongena</i> (eggplant)	Mexico	2			Ariz.
<i>Trionymus lounsburyi</i> (Brain) (Coccidae):					
<i>Trichocaulon officinale</i>	Union of South Africa			1	Calif.*
<i>Trochuda raspa</i> (Druce) (Pericopidae):					
Orchid	Mexico			1	Tex.
<i>Tychius inermis</i> Csy. (Curculionidae):					
<i>Tillandsia usneoides</i> (Spanish moss)	do	1			Tex.
<i>Tillandsia</i> sp.	do			1	Tex.
<i>Typhlocyba froggatti</i> Bak. (Cicadellidae):					
<i>Malus sylvestris</i> (apple)	Argentina	1			N. Y.
<i>Tythomimus rufotestaceus</i> Champ. (Curculionidae):					
Orchid	Mexico			1	Tex.
<i>Ulopa reticulata</i> (F.) (Cicadellidae):					
Moss and forest litter around rhododendron	Netherlands			1	N. J.
<i>Unaspis citri</i> (Comst.) (Coccidae):					
<i>Citrus paradisi</i> (grapefruit)	Bahamas, Jamaica	1	1		Fla.*
<i>Citrus sinensis</i> (orange)	Colombia, Trinidad		2		Fla.*
<i>Citrus</i> sp.	Brazil, Curacao	1	1		Fla.*
<i>Unaspis euonymi</i> (Comst.) (Coccidae):					
<i>Euonymus</i> sp.	Mexico	1			Tex.
<i>Unaspis yanonensis</i> (Kuw.) (Coccidae):					
<i>Citrus reticulata</i> (Mandarin orange)	Japan	1			Minn.
<i>Vesiculaphis caricis</i> (Fullaway) (Aphidae):					
<i>Rhododendron</i> sp.	do			1	Calif.*
<i>Vinsonia stellifera</i> (Westw.) (Coccidae):					
<i>Achras zapota</i> (sapodilla)	Haiti	1			Fla.*
<i>Antidesma bunius</i> (bignay China laurel)	Canal Zone			1	Fla.
<i>Aspasia</i> sp. (orchid)	do			1	N. J.
Bay (?)	Puerto Rico	1			Fla.*
<i>Broughtonia</i> sp. (orchid)	Jamaica			1	Fla.
<i>Citrus</i> sp.	Puerto Rico	1			Fla.*
<i>Epidendrum ciliare</i> (orchid)	Leeward Islands			1	N. J.
<i>Epidendrum</i> sp.	British Guiana			1	N. J.
<i>Gongora</i> sp. (?) (orchid)	Trinidad			1	N. J.
<i>Laurus nobilis</i> (Grecian laurel)	Barbados	1			Fla.*
<i>Oncidium</i> sp. (orchid)	Canal Zone			2	Fla., N. J.
Orchid	British Guiana, French Guiana, Trinidad.			4	Ala., Fla., N. J., P. R.
<i>Schomburgkia</i> sp. (orchid)	British Guiana			1	N. J.
<i>Stanhopea</i> sp. (orchid)	do			1	N. J.
<i>Trigonidium macranthum</i> (orchid)	Brazil			1	D. C.
<i>Xanthonia guatemalensis</i> Jac. (Chrysomelidae):					
<i>Rosa</i> sp.	Guatemala	1			Tex.
<i>Xyleborus testaceus</i> (Wlk.) (Scolytidae):					
<i>Acacia koa</i> (koa acacia)	Hawaii	1			Calif.*
<i>Xylobiops parilis</i> Lesne (Bostrichidae):					
Bamboo	Mexico	1			Ariz.
<i>Xylobiops texanus</i> (Horn) (Bostrichidae):					
Airplane	do			2	Tex.
<i>Xytopocus castanoptera</i> (Fairm.) (Bostrichidae):					
Twig	Hawaii	1			Calif.*

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<i>Zabrotes subfasciatus</i> (Boh.) (Bruchidae):					
Bean	Mexico, Peru	8		1	D. C., Tex.
<i>Chrysanthemum maximum</i> (shasta daisy)	Mexico	1			Tex.
<i>Lycopersicon esculentum</i> (tomato)	do	1			Tex.
Orchid	do			1	Tex.
Mandado bag	do	1			Tex.
<i>Phaseolus</i> sp. (bean)	do	1			Calif.*
<i>Zamagiria deia</i> Dyar (Phycitidae):					
<i>Achras zapota</i> (sapodilla)	Cuba	1			N. Y.
<i>Zygogramma obscurofasciata</i> Jac. (Chrysomelidae):					
Orchid	Mexico			1	Tex.
<i>Zygogramma piceicollis</i> (Stal) (Chrysomelidae):					
<i>Epidendrum</i> sp. (orchid)	do			1	Calif.*
<i>Laelia majalis</i> (orchid)	do			1	Tex.
<i>Laelia</i> sp.	do			1	Tex.
Orchid	do			2	Tex.

Hosts and insects

ACACIA:

- Mimosestes sallaei* (Coleoptera)
Xyleborus testaceus (Coleoptera)

ACER:

- Parlatoria theae* (Homoptera)
Periphyllus horridus (?) (Homoptera)

ACHIMENES:

- Hofmannophila pseudopretella* (Lepidoptera)

ACHRAS:

- Asterolecanium pustulans* (Homoptera)
Anastrepha serpentina (Diptera)
Coccus viridis (Homoptera)
Vinsonia stellifera (Homoptera)
Zamagiria deia (Lepidoptera)

AERIDES:

- Callispa duodecimmaculata* (Coleoptera)

AGERATUM:

- Trialeurodes vaporariorum* (Homoptera)

ALLIUM SATIVUM:

- Aceria tulipae* (Acarina)
Brachymerus albidentatus (Coleoptera)
Brachymerus algeris (Coleoptera)

ALYXIA:

- Ceroplastes rubens* (Homoptera)
Lepidosaphes uniloba (Homoptera)

ANANAS:

- Alpheias conspirata* (Lepidoptera)
Ereunetis flavistrata (Lepidoptera)
Lyctus caribeanus (Coleoptera)
Metamasius sericeus carbonarius (Coleoptera)
Olibrus submaculatus (Coleoptera)
Phyllophaga alquizar (Coleoptera)
Platoceticus symmicta (Lepidoptera)
Platynota rostrana (Lepidoptera)
Pseudococcus palmarum (Homoptera)
Ribua innoria (Lepidoptera)
Sisamnes contractus (Hemiptera)
"Targionia" bromilinae (Homoptera)

ANEMONE:

- Nemapogon granella* (Lepidoptera)

ANNONA:

- Aspidiotus destructor* (Homoptera)
Stenoma anonella (Lepidoptera)
Talponia batesi (Lepidoptera)

ANTHURIUM:

- Pinnaspis buxi* (Homoptera)
Protopulvinaria longivalvata (Homoptera)

ANTIDESMA:

- Vinsonia stellifera* (Homoptera)

ANTIRRHINUM:

- Frankliniella insularis* (Thysanoptera)

APIUM:

- Barathra brassicae* (Lepidoptera)
Euleia heraclei (Diptera)
Lixus mucronatus (Coleoptera)
Psila rosae (Diptera)

ARACEAE:

- Chrysomphalus nigropunctatus* (Homoptera)

ARECA:

- Setomorpha rutella* (Lepidoptera)

ARTOCARPUS:

- Aleurocanthus woglumi* (Thysanoptera)

ASPASIA:

- Vinsonia stellifera* (Homoptera)

BAMBOO:

- Amphicerus cornutus* (Coleoptera)
Asterolecanium bambusae (Homoptera)
Dinoderus brevis (Coleoptera)
Dinoderus pilifrons (Coleoptera)
Eucalandra setulosa (Coleoptera)
Xylobiops parilis (Coleoptera)

BETA VULGARIS:

- Cassida vittata* (Coleoptera)
Mecinus pyraeter (Coleoptera)

BETA VULGARIS CICLA:

- Conotracheus seniculus* (Coleoptera)
Creontiades femoralis (Hemiptera)

BORASSUS:

- Halimococcus borassi* (Homoptera)

BRASSAVOLA:

- Furcaspis biformis* (Homoptera)
Pseudischnaspis alienus (Homoptera)

BRASSICA OLERACEA BOTRYTIS:

- Eoergestis forficatus* (Lepidoptera)
Nysius raphanus (Hemiptera)
Phyllotreta cruciferae (Coleoptera)

BRASSICA OLERACEA CAPITATA:

- Elaphria chalcadonia* (Lepidoptera)
Eoergestis forficatus (Lepidoptera)
Nysius minutus (Hemiptera)
Nysius simulans (Hemiptera)
Phyllotreta cruciferae (Coleoptera)
Pteris brassicae (Lepidoptera)

BRASSICA RAPA:

- Brachyrhinus poratus* (Coleoptera)
Hellula phidolealis (Lepidoptera)
Loxostege similis (Lepidoptera)
Lycus elisus (Hemiptera)

*Hosts and insects—Continued***RASSICA RAPA**—Continued

Nysius minutus (Hemiptera)
Nysius raphanus (Hemiptera)
Psila rosae (Diptera)
RASSICA SP. (mustard)
Barathra brassicae (Lepidoptera)
Cyrtopeltis varians (Hemiptera)
Eoergestis rimosalis (Lepidoptera)
Loxostege similalis (Lepidoptera)
Nabis alternatus (Hemiptera)
Nysius minutus (Hemiptera)
Nysius raphanus (Hemiptera)

ROMELIA:

Crophius scabrosus (Hemiptera)

ROUGH TONIA:

Vinsonia stellifera (Homoptera)

RYOPHYLLUM:

Aleurocanthus woglumi (Homoptera)

ACTUS:

Lepidosaphes philococcus (Homoptera)
Mimorista flavidissimalis (Lepidoptera)
Moneilema ebenus var. (Coleoptera)
Nysius calliger (Hemiptera)
Ogdoecosta biannularis (Coleoptera)
Sireonotus luteiceps (Hemiptera)

SAESALPINIA:

Mimosestes dominicana (Coleoptera)

SAJANUS:

Acanthoscelides armitagei (Coleoptera)
Ancylostomia stercorea (Lepidoptera)
Callosobruchus chinensis (Coleoptera)
Callosobruchus maculatus (Coleoptera)
Diaprepes abbreviatus (Coleoptera)
Elasmopalpus lignosellus (Lepidoptera)
Fundella pellucens (Lepidoptera)
Maruca testulalis (Lepidoptera)
Platynota rostrana (?) (Lepidoptera)
Sphenarches caffer (Lepidoptera)
Thyanta perditor (Hemiptera)

SALADIUM:

Corcyra cephalonica (Lepidoptera)

SALLUNA:

Chaetarthria seminulum (Coleoptera)

SALOCARPUM:

Anastrepha serpentina (Diptera)

SAMELLIA:

Aspidiotus degeneratus (Homoptera)
Ceroplastes ceriferus (Homoptera)
Ceroplastes japonicus (Homoptera)
Parlatoria camelliae (Homoptera)

SANAVALLIA:

Haplothrips gowdeyi (Thysanoptera)
Lampides boeticus (Lepidoptera)
Maruca testulalis (Lepidoptera)
Taeniothrips hawaiiensis (Thysanoptera)

SANNABIS:

Coptorhynchus iliganus (Coleoptera)

SAPSICUM:

Cerotitis capitata (Diptera)
Cyrtocapsus caliginus (Hemiptera)
Dacus cucurbitae (Diptera)
Estigmene acrea (Lepidoptera)
Erptophthora albomaculata (Hemiptera)
Gnorimoschema gudmannella (Lepidoptera)
Ligyrocoris abdominalis (Hemiptera)
Ligyrocoris nitidicollis (Hemiptera)
Liriomyza pusilla (Diptera)
Platynota rostrana (Lepidoptera)
Platynota stultana (Lepidoptera)
Prodenia eridania (Lepidoptera)
Pyrusta nubilalis (Lepidoptera)

SARICA:

Aonidiella inornata (Homoptera)
Dacus dorsalis (Diptera)

SASIMIROA:

Anastrepha ludens (Diptera)

SASSIA:

Caryedon fuscus (Coleoptera)
Pseudodiaspis yuccae (Homoptera)

SASTANEA:

Curculio elephas (Coleoptera)
Laspeyresia splendana (Lepidoptera)
Phymatodes lividus (Coleoptera)

SATASETUM:

Stephanoderes lecontei (Coleoptera)

CATTLEA:

Amyssonotum rastratum flexum (Hemiptera)
Asterolecanium epidendri (Homoptera)
Autoserica castanea (Coleoptera)
Chrysomphalus tenax (Homoptera)
Clerada apicornis (Hemiptera)
Coccus pseudohesperidum (Homoptera)
Conchaspis angraei (Homoptera)
Cryphula apicatus (Hemiptera)
Eurytoma orchidearum (Hymenoptera)
Furcaspis bifurmis (Homoptera)
Heraeus cincticornis (Hemiptera)
Lecanodiaspis dendrobii (Homoptera)
Lygaeus gundelmalanus (Hemiptera)
Lygaeus vultusculis (Hemiptera)
Mecolaeus carvalhoi (Hemiptera)
Microtheca ochroloma (Coleoptera)
Monomorium destructor (Hymenoptera)
Mormidea v-luteum (Hemiptera)
Protopulvinaria longivalvata (Homoptera)
Pseudischaspis alienus (Homoptera)
Tenthoris bicolor (Hemiptera)
Tenthoris columbiensis (Hemiptera)
Tenthoris confusus (Hemiptera)
Tenthoris exilis (Hemiptera)
Tenthoris venezuelensis (Hemiptera)

CEREUS:

Cactobrosis longipennella (Lepidoptera)

CHRYSANTHEMUM:

Amorbia emigratella (Lepidoptera)
Anuraphis helichrysi (Homoptera)
Aphis medicaginis (Homoptera)
Disonycha leptolineata tezana (Coleoptera)
Erptophthora oblonga (Hemiptera)
Frankliniopsis vespiformis (Thysanoptera)
Geocoris flavilineus (Hemiptera)
Iridomyrmex humilis (Hymenoptera)
Ligyrocoris aurivilliana (Hemiptera)
Lygus oblineatus (Hemiptera)
Nysius raphanus (Hemiptera)
Synchlora aerata (Lepidoptera)
Zabrotes subfasciatus (Coleoptera)

CICER:

Callosobruchus chinensis (Coleoptera)
Callosobruchus maculatus (Coleoptera)
Corcyra cephalonica (Lepidoptera)

CICHOPIUM:

Napomyza lateralis (Diptera)
Phytomyza atricornis (Diptera)
Thrips angusticeps (Thysanoptera)

CITRUS AURANTIFOLIA:

Aleurocanthus woglumi (Homoptera)
Anastrepha ludens (Diptera)
Ceratitis capitata (?) (Diptera)
Chrysomphalus scutiformis (Homoptera)
Coccus viridis (Homoptera)
Dysdercus mimulus (Hemiptera)
Leucaspis cockerelli (Homoptera)
Parlatoria cinerea (Homoptera)
Parlatoria zizyphus (Homoptera)
Pseudonidia trilobitiformis (Homoptera)

CITRUS GRANDIS:

Ceratitis capitata (Diptera)
Leucaspis cockerelli (Homoptera)
Morganella longispina (Homoptera)
Parlatoria cinerea (Homoptera)
Parlatoria citri (Homoptera)
Parlatoria zizyphus (Homoptera)

CITRUS LIMON:

Leucaspis cockerelli (Homoptera)
Pseudonidia trilobitiformis (Homoptera)

CITRUS LIMON PONDEROSA:

Ceratitis capitata (Diptera)

CITRUS PARADISI:

Anastrepha fraterculus (Diptera)
Anastrepha ludens (Diptera)
Aonidiella citrina (Homoptera)
Ceratitis capitata (Diptera)
Chrysomphalus personatus (Homoptera)
Leucaspis cockerelli (Homoptera)
Parlatoria cinerea (Homoptera)
Parlatoria zizyphus (Homoptera)
Unaspis citri (Homoptera)

CITRUS RETICULATA:

Ceratitis capitata (Diptera)
Parlatoria zizyphus (Homoptera)
Unaspis yanonensis (Homoptera)

Hosts and insects—Continued

CITRUS SINENSIS:

- Aleurocanthus woglumi* (Homoptera)
- Aleurotrachelus citri* (Homoptera)
- Anastrepha fraterculus* (Diptera)
- Anastrepha ludens* (Diptera)
- Aspidiotus excisus* (Homoptera)
- Aspidiotus palmarum* (Homoptera)
- Ceratitis capitata* (Diptera)
- Chrysomphalus personatus* (Homoptera)
- Leucaspis cockerelli* (Homoptera)
- Paraleyrodes singularis* (?) (Homoptera)
- Parlatoria cinerea* (Homoptera)
- Parlatoria zizyphi* (Homoptera)
- Tetraleyrodes mori* (Homoptera)
- Unaspis citri* (Homoptera)

CITRUS SP.:

- Aleurocanthus woglumi* (Homoptera)
- Aleurothrixus floccosus* (Homoptera)
- Aleurotuberculatus aucubae* (Homoptera)
- Ceroplastes japonicus* (Homoptera)
- Ceroplastes rubens* (Homoptera)
- Coccus viridis* (Homoptera)
- Dialeurodes citrifolii* (Homoptera)
- Paraleyrodes naranjiae* (Homoptera)
- Tetraleyrodes mori* (Homoptera)
- Unaspis citri* (Homoptera)
- Vinsonia stellifera* (Homoptera)

COCOS:

- Aonidiella inornata* (Homoptera)
- Aspidiotus coryphae* (Homoptera)
- Aspidiotus destructor* (Homoptera)
- Aspidiotus spinosus* (Homoptera)
- Chrysomphalus albopictus* (Homoptera)
- Chrysomphalus personatus* (Homoptera)
- Dacus dorsalis* (?) (Diptera)
- Furcaspis oceanicus* (Homoptera)
- Phenacaspis sandwicensis* (?) (Homoptera)
- Pseudococcus palmarum* (Homoptera)

CODIAEUM:

- Asterolecanium pustulans* (Homoptera)
- Coccus copparidis* (Homoptera)
- Lepidosaphes tokionis* (Homoptera)
- Parlatoria crotonis* (Homoptera)

COFFEA:

- Coccus viridis* (Homoptera)

CORIANDRUM:

- Cardioscarta miniaticeps* (Homoptera)
- Systole geniculata* (Hymenoptera)

CORYPHANTHA:

- Gerstaeckeria bifasciata* (Coleoptera)

CRATAEGUS:

- Acalypta musci* (Hemiptera)
- Apion flavipes* (Coleoptera)
- Grapholitha packardii* (Lepidoptera)
- Gymnaetron beccabungae nigrum* (Coleoptera)
- Hypera pedestris* (Coleoptera)
- Hypera rumicis* (Coleoptera)
- Lema cyanella* (Coleoptera)
- Lema melanopa* (Coleoptera)
- Phyllotreta atra* (Coleoptera)
- Phyllotreta undulata* (Coleoptera)
- Phytobius quadrituberculatus* (Coleoptera)
- Rhagoletis pomonella* (?) (Diptera)
- Rhinoncus bruchoides* (Coleoptera)
- Rhynchaenus fagi* (Coleoptera)
- Rutidosoma fallax* (Coleoptera)

CROCUS:

- Rhopalosiphoninus tulipae* (Homoptera)

CRYPTOMERIA:

- Aspidiotus cryptomeriae* (Homoptera)

CUCUMIS:

- Dacus cucurbitae* (Diptera)
- Diaphania nitidalis* (Lepidoptera)

CUCURBITA:

- Dacus cucurbitae* (Diptera)
- Diaphania hyalinata* (Lepidoptera)
- Diaphania nitidalis* (Lepidoptera)

CUPRESSUS:

- "Poliaspis" pinif* (Homoptera)

CYDONIA:

- Anastrepha ludens* (Diptera)
- Aspidiotus diffinis* (Homoptera)
- Ceratitis capitata* (Diptera)

CYMBIDIUM:

- Eutornicus congener* (Coleoptera)
- Furcaspis biformis* (Homoptera)
- Lepidosaphes tuberculata* (Homoptera)
- Lethaeus aeruginosus* (Hemiptera)

CYMBIDIUM—Continued

- Pseudoanidia curculiginis* (Homoptera)

CYNARA:

- Apion carduorum* (Coleoptera)
- Psila rosae* (Diptera)

CYPRIPEDIUM:

- Coccus capparidis* (Homoptera)

CYTISUS:

- Spartus villosus* (Coleoptera)

DAHLIA:

- Brachyrhinus sulcatus* (Coleoptera)
- Prodenia ornithogalli* (Lepidoptera)
- Tetraleyrodes mori* (Homoptera)

DAISY:

- Chlorochroa ligata* (Hemiptera)

DALBERGIA:

- Nasutitermes coniger* (Isoptera)

DAUCUS:

- Phalonia zephyrana* (Lepidoptera)
- Psila rosae* (Diptera)

DENDROBIUM:

- Ferrisiana virgata* (Homoptera)

DIANTHUS:

- Anuraphis helichrysi* (Homoptera)
- Forficula auricularia* (Dermaptera)
- Iaplothrips cotei* (Thysanoptera)
- Sericophanes ocellatus* (Hemiptera)
- Strophosoma melanogrammum* (Coleoptera)
- Thrips fuscipennis* (Thysanoptera)

DIOSCOREA:

- Palaeopus costicollis* (Coleoptera)
- "Targionia" hartii* (Homoptera)

DIOSPYROS:

- Ceratitis capitata* (Diptera)

DRYOPTERIS:

- Acalypta nyalis* (Hemiptera)

ECHEVERIA:

- Chrysobothris mali* (Coleoptera)
- Eumysia stigmella* (Lepidoptera)

ECHINOCEREUS:

- Ferrisiana virgata* (Homoptera)

ELEOCHARIS:

- Coptotermes formosanus* (Isoptera)

EPIDENDRUM:

- Asterolecanium epidendri* (Homoptera)
- Chrysomphalus nigropunctatus* (Homoptera)
- Chrysomphalus umboniferus* (Homoptera)
- Cteogonus armatus* (Coleoptera)
- Conchaspis angraci* (Homoptera)
- Crophius scabrosus* (Hemiptera)
- Forficula auricularia* (Dermaptera)
- Furcaspis biformis* (Homoptera)
- Pseudischaspis alienus* (Homoptera)
- Tenthoris distinguendus* (Hemiptera)
- Vinsonia stellifera* (Homoptera)
- Zygogramma piceicollis* (Coleoptera)

ERICA:

- Taeniothrips ericae* (Thysanoptera)

ERIOBOTRYA:

- Ceratilis capitata* (Diptera)

ERYTHRINA:

- Corycia cephalonica* (Lepidoptera)
- Scutellaris impressithorax* (Coleoptera)

EUGENIA:

- Anastrepha mombinpraeoptans* (Diptera)

EUONYMUS:

- Unaspis euonymi* (Homoptera)

EUPHORBIA:

- Liriomyza pusilla* (Diptera)
- Ferrisiana virgata* (Homoptera)

EUPHORIA:

- Dacus dorsalis* (Diptera)

FICUS:

- Ceratilis capitata* (Diptera)
- Ceroplastes rusci* (Homoptera)
- Lepidosaphes ficus* (Homoptera)

FRAXINUS:

- Eurytoma crassineura* (Hymenoptera)
- Leperisinus fraxini* (Coleoptera)

GARDENIA:

- Aleurocanthus woglumi* (Homoptera)
- Aleuroparadoxus gardeniae* (Homoptera)
- Aleurothrixus myrtacei* (Homoptera)
- Ceroplastes rubens* (Homoptera)
- Coccus viridis* (Homoptera)
- Eucalymnatus tessellatus* (Homoptera)
- Ferrisiana virgata* (Homoptera)
- Protopulvinaria longivalvata* (Homoptera)

*Hosts and insects—Continued***GARDENIA—Continued**

- Protopuleinaria pyriformis* (Homoptera)
Taeniothrips hawaiiensis (Thysanoptera)

GENISTA:

- Haplothrips gowdeyi* (Thysanoptera)

GLADIOLUS:

- Chirothrips manicatus* (Thysanoptera)
Nemopogon granella (Lepidoptera)
Polydortomyia curvipes (Diptera)
Taeniothrips simplex (Thysanoptera)

GONGORA:

- Vinsonia stellifera* (Homoptera)

GOSSYPIUM:

- Coreyra cephalonica* (Lepidoptera)
Pectinophora gossypiella (Lepidoptera)
Stenozylon anale (Coleoptera)
Stenyztrum quadrinotatum (Coleoptera)

GRAMINEAE:

- Antonina graminis* (Homoptera)
"Targionia" sacchari (Homoptera)

GYNERIUM:

- "Targionia" sacchari* (Homoptera)

HEDYSARUM:

- Bruchidius gilvus* (Coleoptera)

HELICHRYSUM:

- Ferrisiana virgata* (Homoptera)

HERITIERA:

- Cyamobolus palawanicus* (Coleoptera)

HIBISCUS:

- Callosobruchus maculatus* (Coleoptera)
Ferrisiana virgata (Homoptera)
Pealius hibisci (Homoptera)
Pectinophora gossypiella (Lepidoptera)
Phenacoccus gossypii (Homoptera)
Pseudomidia claviger (Homoptera)
Tetraleurodes mori (Homoptera)

HYACINTHUS:

- Forficula auricularia* (Dermaptera)

ILEX:

- Anastrepha mombinpraeoptans* (Diptera)

IPOMOEAE:

- Cylas formicarius* (Coleoptera)
Cylas formicarius subspecies (?) (Coleoptera)
Cylas formicarius var. (Coleoptera)
Cylas formicarius elegantulus (Coleoptera)
Cylas puncticollis (Coleoptera)
Euscepes postfasciatus (Coleoptera)
Megacerus contaminatus (Coleoptera)
Phenacoccus gossypii (Homoptera)

IRESENE:

- Ceroplastes cirripediformis* (Homoptera)

IRIS:

- Endrosia lactella* (Lepidoptera)

JASMINUM:

- Aonidiella citrina* (Homoptera)

JUNIPERUS:

- Lepidosaphes pallida* (Homoptera)
Raphidopalpa femoralis (Coleoptera)

KERRIA:

- Allantus cinctus* (Hymenoptera)

KHAYA:

- Cordylomera spinicornis* (Coleoptera)
Fulvius oxycaenoides (Hemiptera)

LABURNUM:

- Sparteus villosus* (Coleoptera)

LAELIA:

- Acroleucus vicinialis* (Hemiptera)
Asterolecanium epidendri (Homoptera)
Calligrapha diversa (Coleoptera)
Chrysomphalus nigropunctatus (Homoptera)
Coccus pseudohesperidum (Homoptera)
Crophius costatus (Hemiptera)
Crophius scabrosus (Hemiptera)
Diorymerellus laevimargo (Coleoptera)
Dysdercus mimulus (Hemiptera)
Epilachna varinestis (Coleoptera)
Eurytoma orchidearum (Hymenoptera)
Erpτοchiomera albomaculata (Hemiptera)
Heraeus guttata (Hemiptera)
Ligyrocoris abdominalis (Hemiptera)
Ozophora consanguineus (Hemiptera)
Phelypera distigma (Coleoptera)
Pseudischiaspis alienus (Homoptera)
Reticulitermes flavipes (Isoptera)
Tempyra biguttula (Hemiptera)
Tenthecoris angustimarginatus (Hemiptera)
Tenthecoris bicolor (Hemiptera)

LAELIA—Continued

- Tenthecoris confusus* (Hemiptera)
Zygogramma piceicollis (Coleoptera)

LARIX:

- Ceroplastes japonicus* (Homoptera)

LATHYRUS:

- Bruchus tristiculus* (Coleoptera)
Callosobruchus chinensis (Coleoptera)
Nysius minutus (Hemiptera)
Pantomorus godmani (Coleoptera)

LAURACEAE:

- Aleuroglandulus emmae* (Homoptera)

LAURUS:

- Pantomorus godmani* (Coleoptera)
Protopulvinaria pyrifomis (Homoptera)
Vinsonia stellifera (Homoptera)

LAVANDULA:

- Acalypta platychila* (Hemiptera)
Hofmannophila pseudospirella (Lepidoptera)

LENS:

- Bruchus ervi* (Coleoptera)
Bruchus lentis (Coleoptera)
Bruchus signaticornis (Coleoptera)
Bruchus ulicis (Coleoptera)

LILIUM:

- Liothrips vaneeckei* (Thysanoptera)
Ferrisiana virgata (Homoptera)
Setomorphia rutella (Lepidoptera)
Terananus spatulatus (Homoptera)

LIMONIUM:

- Lygus oblineatus* (Hemiptera)

LIVISTONA:

- Aspidiotus destructor* (Homoptera)

LYCASTE:

- Eucactophagus aurocinctus* (Coleoptera)
Plagioderia atritarsis (Coleoptera)

LYCOPERSICON:

- Anelaphus truncatus* (Coleoptera)
Arvelius albopunctatus (Hemiptera)
Ceratitidis capitata (?) (Diptera)
Cyrtopeltis varians (Hemiptera)
Dacus cucurbitae (Diptera)
Dysdercus minimus (Hemiptera)
Erpτοchiomera albomaculata (Hemiptera)
Japetus sphaeroides (Hemiptera)
Ligyrocoris abdominalis (Hemiptera)
Ligyrocoris aurivilliana (Hemiptera)
Lineodes integra (Lepidoptera)
Neoleucinodes elegantalis (Lepidoptera)
Physonota attenuata (Coleoptera)
Platynota rostrana (Lepidoptera)
Platynota stultana (Lepidoptera)
Zabrotes subfasciatus (Coleoptera)

MALUS:

- Anastrepha ludens* (Diptera)
Carposina sasakii (Lepidoptera)
Ceratitidis capitata (Diptera)
Grapholitha molesta (Lepidoptera)
Lecanium coryli (Homoptera)
Myelois ceratoniae (Lepidoptera)
Parlatoria oleae (Homoptera)
Rhagoletis pomonella (Diptera)
Sitona lineata (Coleoptera)
Typhlocyba froggatti (Homoptera)

MAMMEA:

- Anastrepha serpentina* (Diptera)
Aspidiotus spinosus (Homoptera)

MAMMILLARIA:

- Gerstaeckeria mutillaria* (Coleoptera)
Ferrisiana virgata (Homoptera)
Sizeomctus luteiceps (Hemiptera)

MANGIFERA:

- Anastrepha ludens* (Diptera)
Anastrepha mombinpraeoptans (Diptera)
Aulacaspis cinnamomi (Homoptera)
Ceratitidis capitata (Diptera)
Cryptorhynchus mangiferae (Coleoptera)
Dacus dorsalis (Diptera)
Phenacaspis sandwicensis (?) (Homoptera)

MEROSTACHYS:

- Eucalandra setulosa* (Coleoptera)
Renocis mexicanus (Coleoptera)

MILTONIA:

- Ferrisiana virgata* (Homoptera)
Tenthecoris balloui (Hemiptera)

MONSTERA:

- Chrysomphalus tenax* (Homoptera)

Hosts and insects—Continued

MORUS:

- Asterolecanium pustulans* (Homoptera)
- Dryotribus mimeticus* (Coleoptera)
- Leptostylus incrassatus* (Coleoptera)
- Oosternum costatum* (Coleoptera)

MUSA:

- Aspidiotus destructor* (Homoptera)
- Aspidiotus palmarum* (Homoptera)
- Aspidiotus spinosus* (Homoptera)
- Calligrapha multipustulata* (Coleoptera)
- Chrysomphalus abopictus* (Homoptera)
- Chrysomphalus scutiformis* (Homoptera)
- Chrysomphalus umboniferus* (Homoptera)
- Cosmopolites sordidus* (Coleoptera)
- Cyrtanota tristigma* (Coleoptera)
- Dacus dorsalis* (Diptera)
- Ferrisiana virgata* (Homoptera)
- Lygus elisus* (Hemiptera)
- Metcometopus jansoni* (Coleoptera)
- Metamasius sericeus* (Coleoptera)
- Metamasius sericeus* var. (Coleoptera)
- Metrona tuberculata* (Coleoptera)
- Nasutitermes corniger* (Isoptera)
- Phenacoccus gossypii* (Homoptera)
- Physonota mexicana* (Coleoptera)
- Platoceticus symmicta* (Lepidoptera)
- Platycaenus humilis* (Hemiptera)
- Sibine stimulea* (Lepidoptera)

MUSCARI:

- Erosoma lusitanica* (Coleoptera)

NARCISSUS:

- Androsia lactella* (Lepidoptera)
- Sitona lineata* (Coleoptera)

NEPETA:

- Phytomyza obscurilla nigrifella* (Diptera)

NERIUM:

- Chaetoptilius vestitus* (Coleoptera)
- Morganella longispina* (Homoptera)
- Sinozyton serdentatum* (Coleoptera)

OCTOMERIA:

- Coccus pseudohesperidum* (Homoptera)

ODONTOGLOSSUM:

- Diorymerellus laevimargo* (Coleoptera)
- Pseudoparlatoria ostreata* (Homoptera)
- Tenthecoris vestitus* (Hemiptera)

OLEA:

- Dacus oleae* (Diptera)
- Eurytoma oleae* (Hymenoptera)

ONCIDIUM:

- Cynchaspis angraci* (Homoptera)
- Furcaspis biformis* (Homoptera)
- Pseudischaspis alienus* (Homoptera)
- Pseudococcus nigra* (Homoptera)
- Pseudoparlatoria ostreata* (Homoptera)
- Vinsonia stellifera* (Homoptera)

OPUNTIA:

- Ceratitis capitata* (Diptera)
- Pseudoparlatoria ostreata* (Homoptera)

ORCHID:

- Acroleucus vicinalis* (Hemiptera)
- Acrolophus superstes* (Lepidoptera)
- Alcaeorrhynchus grandis* (Hemiptera)
- Alpheias conspirata* (Lepidoptera)
- Anthonomus albolineatus* (Coleoptera)
- Anthonomus baridoides* (Coleoptera)
- Asterolecanium epidendri* (Homoptera)
- Asterolecanium pustulans* (Homoptera)
- Atelabus corvinus* (Coleoptera)
- Berecynthus delirator* (Hemiptera)
- Calligrapha diversa* (Coleoptera)
- Calligrapha felina* (Coleoptera)
- Calligrapha timbaticollis* (Coleoptera)
- Calligrapha notatipennis* (Coleoptera)
- Camirus conicus* (Hemiptera)
- Caulophilus latinasus* (Coleoptera)
- Chelymophora comata* (Coleoptera)
- Chrysomphalus nigropunctatus* (Homoptera)
- Chrysomphalus umboniferus* (Homoptera)
- Cleogonus armatus* (Coleoptera)
- Cligenes delinata* (Hemiptera)
- Conchaspis angraci* (Homoptera)
- Coptocycla semiatrata* (Coleoptera)
- Crophius scabrosus* (Hemiptera)
- Cryphula apicatus* (Hemiptera)
- Diabrotica figurata* (Coleoptera)
- Diorymerellus laevimargo* (Coleoptera)
- Dysdercus ruficollis* (Hemiptera)

ORCHID—Continued

- Eucalandra setulosa* (Coleoptera)
- Eurytoma orchidearum* (Hymenoptera)
- Ecptochioma albomaculata* (Hemiptera)
- Ecptochioma tumens* (Hemiptera)
- Faustinus rhombifer* (Coleoptera)
- Fulvius anthocorides* (Hemiptera)
- Furcaspis biformis* (Homoptera)
- Galgupa punctifer* (Hemiptera)
- Galgupa quadrangulata* (Hemiptera)
- Galgupa tezana* (Hemiptera)
- Iridomyrmex humilis* (Hymenoptera)
- Ligyrocoris abdominalis* (Hemiptera)
- Ligyrocoris litigiosus* (Hemiptera)
- Lygaeus circumplexus* (Hemiptera)
- Lygaeus pusio* (Hemiptera)
- Lygaeus vittiscutis* (Hemiptera)
- Macrocephalus notatus* (Hemiptera)
- Macrocephalus stali* (Hemiptera)
- Macropygium reticulare* (Hemiptera)
- Mecolaemus carvalhoi* (Hemiptera)
- Metamarius sericeus carbonarius* (Coleoptera)
- Mormidea v-luteum* (Hemiptera)
- Myodocha longicollis* (Hemiptera)
- Nasutitermes corniger* (Isoptera)
- Neocatantus vegetus* (Hemiptera)
- Nysius basalis* (Hemiptera)
- Ogdococta biannularis* (Coleoptera)
- Ogdococta juvenca* (Coleoptera)
- Oosternum costatum* (Coleoptera)
- Oxycaenus bicolor* (Hemiptera)
- Ozophora consanguineus* (Hemiptera)
- Pachycoris torridus* (Hemiptera)
- Parlatoria pseudaspidiotus* (Homoptera)
- Phatnoma annulipes concisa* (Hemiptera)
- Phelypera distigma* (Coleoptera)
- Physonota attenuata* (Coleoptera)
- Plagiocera atritarsis* (Coleoptera)
- Plagiocera congesta* (Coleoptera)
- Plagiocera semivittata* (Coleoptera)
- Plagiocera thymaloides* (Coleoptera)
- Platycaenus humilis* (Hemiptera)
- Pseudischaspis alienus* (Homoptera)
- Puto mexicanus* (Homoptera)
- Reticulitermes flavipes* (Isoptera)
- Setomorpha rutella* (Lepidoptera)
- Sisamnes contractus* (Hemiptera)
- Silodes caelebs* (Coleoptera)
- Tenthecoris angustimarginatus* (Hemiptera)
- Tenthecoris bicolor* (Hemiptera)
- Tenthecoris confusus* (Hemiptera)
- Tenthecoris distinctus* (Hemiptera)
- Tenthecoris exitiosus* (Hemiptera)
- Tenthecoris venezuelensis* (Hemiptera)
- Tenthecoris vestitus* (Hemiptera)
- Trochuda raspa* (Lepidoptera)
- Tyrtomimus rufotestaceus* (Coleoptera)
- Vinsonia stellifera* (Homoptera)
- Zabrotes subfasciatus* (Coleoptera)
- Zygogramma obscurifasciata* (Coleoptera)
- Zygogramma picicollis* (Coleoptera)

ORYZA:

- Chilo simplex* (Lepidoptera)
- Corcyra cephalonica* (Lepidoptera)
- Prodenia ornithogalli* (Lepidoptera)

OSMANTHUS:

- Dialeurodes citri* (Homoptera)

PALM:

- Aspidiotus destructor* (Homoptera)
- Caryoborus serripes* (Coleoptera)
- Coccotrypes pygmaeus* (Coleoptera)
- Icerya zeleki* (Homoptera)
- Leucaspis cockerelli* (Homoptera)

PASTINACA:

- Psila rosae* (Diptera)

PELARGONIUM:

- Phenacoccus gossypii* (Homoptera)

PERSEA:

- Anastrepha ludens* (Diptera)
- Aspidiotus destructor* (Homoptera)
- Aspidiotus spinosus* (Homoptera)
- Caulophilus latinasus* (Coleoptera)
- Ceratitis capitata* (?) (Diptera)
- Chrysomphalus abopictus* (Homoptera)
- Conotrachelus aguacatae* (Coleoptera)
- Conotrachelus perseae* (Coleoptera)
- Dacus dorsalis* (Diptera)
- Nysius raphanus* (Hemiptera)

*Hosts and insects—Continued***PERSEA—Continued***Stenoma catenifer* (Lepidoptera)**PETROSELINUM:***Euleia heraclei* (Diptera)**PHALAEOPSIS:***Furcaspis bififormis* (Homoptera)**PHASEOLUS:***Acanthoscelides armitagei* (Coleoptera)*Agromyza virens* (Diptera)*Apion godmani* (Coleoptera)*Bradybaena similaris* (Mollusca)*Callosobruchus chinensis* (Coleoptera)*Callosobruchus maculatus* (Coleoptera)*Chlorochroa ligata* (Hemiptera)*Coptocycla dorsopunctata* (Coleoptera)*Dacus cucurbitae* (Diptera)*Epinotia opposita* (Lepidoptera)*Fundella pellucens* (Lepidoptera)*Maruca testulalis* (Lepidoptera)*Phytomyza atricornis* (Diptera)*Zahrotes subfasciatus* (Coleoptera)**PHILODENDRON:***Aspidiotus palmarum* (Homoptera)*Chrysomphalus tenax* (Homoptera)*Furcaspis bififormis* (Homoptera)*Lepidosaphes carinata* (Homoptera)*Pseudoparlatoria ostreata* (Homoptera)**PHOENIX:***Coccotrypes dactyliperda* (Coleoptera)**PHYSSALIS:***Gnorimoschema lavernella* (Lepidoptera)*Nysius minutus* (Hemiptera)*Rhagoletis striatella* (?) (Diptera)**PHYTELEPHAS:***Coccotrypes dactyliperda* (Coleoptera)**PICEA:***Dioryctria abietella* (Lepidoptera)*Hylurgops palliatus* (Coleoptera)*Ips typographus* (Coleoptera)*Pityogenes chalcographus* (Coleoptera)*Polygraphus poligraphus* (Coleoptera)**PIMENTA:***Aleurotrachelus trachoides* (Homoptera)**PINUS:***Callosobruchus maculatus* (Coleoptera)*Ferrisia virgata* (Homoptera)*Hylurgops palliatus* (Coleoptera)*Ips typographus* (Coleoptera)*Molochus minor* (Coleoptera)*Pityogenes chalcographus* (Coleoptera)*Posonocheus fasciculatus* (Coleoptera)*"Poliaspis" pini* (Homoptera)*Pseudococcus pini* (Homoptera)*Ptochorystis tsugensis* (Lepidoptera)*Stephanopachys rugosus* (Coleoptera)**ISUM:***Bruchus emarginatus* (Coleoptera)*Callosobruchus analis* (Coleoptera)*Callosobruchus chinensis* (Coleoptera)*Callosobruchus maculatus* (Coleoptera)*Frankliniella insularis* (Thysanoptera)**ITHECOLLOBIUM:***Merobruchus flexicaulis* (Coleoptera)**ITOSPORUM:***Ceroplastes rubens* (Homoptera)**LUMERIA:***Aspidiotus diffinis* (Homoptera)*Aspidiotus herculeanus* (Homoptera)*Protopulvinaria pyriformis* (Homoptera)**OGA:***Bostrychophilus cornutus* (Coleoptera)**ORTULACA:***Celerio lineata* (Lepidoptera)*Eutettix tenellus* (Homoptera)*Heliodines bella* (Lepidoptera)*Larostegia similis* (Lepidoptera)*Nysius minutus* (Hemiptera)**RIMULA:***Acalypta mera* (Hemiptera)*Scolopostethus affinis* (Hemiptera)**ROSOPIS:***Algarobius prosopis* (Coleoptera)**RUNUS ARMENIACA:***Ceratitidis capitata* (Diptera)*Grapholitha molesta* (Lepidoptera)**PRUNUS DOMESTICA:***Ceratitidis capitata* (Diptera)*Iridomyrmex humilis* (Hymenoptera)*Parlatoria oleae* (Homoptera)**PRUNUS PERSICA:***Anastrepha ludens* (Diptera)*Ceratitidis capitata* (Diptera)*Ceratitidis rosa* (Diptera)*Grapholitha molesta* (Lepidoptera)*Parlatoria oleae* (Homoptera)*Scolytus rugulosus* (Coleoptera)**PRUNUS SP. (cherry):***Rhagoletis cerasi* (Diptera)**PRUNUS SP.:***Parlatoria theae* (Homoptera)**PSIDIUM:***Anastrepha fraterculus* (?) (Diptera)*Anastrepha mombinpraecipitans* (Diptera)*Anastrepha striata* (Diptera)*Anastrepha suspensa* (Diptera)*Dacus dorsalis* (Diptera)*Tetraleurodes mori* (Homoptera)**PUNICA:***Forficula auricularia* (Dermaptera)*Myelois ceratoniae* (Lepidoptera)**PYRUS:***Anastrepha ludens* (Diptera)*Ceratitidis capitata* (Diptera)*Lepidosaphes conchiformis* (Homoptera)*Parlatoria oleae* (Homoptera)**QUERCUS:***Callirhytis sonoreae* (Hymenoptera)*Conotrachelus integer* (Coleoptera)*Curculio q-griseae* (Coleoptera)*Laspeyresia splendana* (Lepidoptera)*Scolytus intricatus* (Coleoptera)**RAPHANUS:***Desmothrips australis* (Thysanoptera)*Epergestis rimosalis* (Lepidoptera)*Hyphantria cunea* (Lepidoptera)*Nysius minutus* (Hemiptera)*Nysius raphanus* (Hemiptera)**RHODODENDRON:***Barypeithes pellucidus* (Coleoptera)*Ceroplastes rubens* (Homoptera)*Chaetocnema hortensis* (Coleoptera)*Dialeurodes chittendeni* (Homoptera)*Gracilaria azalella* (Lepidoptera)*Pealius rhododendri* (Homoptera)*Sitona lineata* (Coleoptera)*Stephanitis pyroides* (Hemiptera)*Vesiculaphis caricis* (Homoptera)**RHYNCHOSTYLIS:***Lepidosaphes latero-chitinoza* (Homoptera)**RODRIGUEZIA:***Furcaspis bififormis* (Homoptera)**RORIPPA:***Corimelaena minutissima* (Hemiptera)*Epergestis rimosalis* (Lepidoptera)*Heliodines bella* (Lepidoptera)**ROSA:***Acanthoscelides quadridentatus* (Coleoptera)*Allantus cinctus* (Hymenoptera)*Aonidiella citrina* (Homoptera)*Frankliniella insularis* (Thysanoptera)*Frankliniella moultoni* (Thysanoptera)*Haplothrips gowdeyi* (Thysanoptera)*Rhagoletis alternata* (Diptera)*Taeniothrips simplex* (Thysanoptera)*Xanthonia guatemalensis* (Coleoptera)**RUBUS:***Bembecia marginata* (Lepidoptera)**SACCHARUM:***Diatraea saccharalis* (Lepidoptera)*"Targionia" sacchari* (Homoptera)**SAMBUCUS:***Micrapate labialis* (Coleoptera)*Pityophthorus coronarius* (Coleoptera)*Rhopalophora incrustata* (Coleoptera)**SAPOTE:***Anastrepha ludens* (Diptera)**SCHOMBURGKIA:***Furcaspis bififormis* (Homoptera)*Lepidosaphes tuberculata* (Homoptera)*Vinsonia stellifera* (Homoptera)**SCILLA:***Endrosis lactella* (Lepidoptera)

Hosts and insects—Continued

SEDUM:

Targionia yuccarum (Homoptera)

SMILAX:

Pseudaonidia tesserata (Homoptera)

SOIL:

Anastrepha suspensa (Diptera)
Cassida flaveola (Coleoptera)
Ceutorhynchus quadridens (Coleoptera)
Dalopius marginatus (Coleoptera)
Hypera postica (Coleoptera)
Iridomyrmex humilis (Hymenoptera)
Pantomorus godmani (Coleoptera)
Phyllobius intrusus (Coleoptera)
Pnyxia scabiei (Diptera)
Psila rosae (Diptera)
Reticulitermes flavipes (Isoptera)

SOLANUM MELONGENA:

Trichobaris mucorea (Coleoptera)

SOLANUM TUBEROSUM:

Epicaerus cognatus (Coleoptera)
Gnorimoschema plaesiosema (Lepidoptera)
Premnotypes solani (?) (Coleoptera)
Premnotypes vorax (Coleoptera)

SOPHRONITIS:

Tenthecoris bicolor (Hemiptera)

SORBUS:

Parlatoria oleae (Homoptera)

SORGHUM:

Diatraea saccharalis (Lepidoptera)
Hofmannophila pseudospretella (Lepidoptera)
Pyrausta nubilalis (Lepidoptera)
Sesamia cretica (Lepidoptera)

SPINACIA:

Nysius minutus (Hemiptera)

SPONDIAS:

Amphicerus cornutus (Coleoptera)
Anastrepha mombinpraepians (Diptera)
Aspidiotus destructor (Homoptera)
Aspidiotus herculeanus (Homoptera)
Brentus anchorago (Coleoptera)
Dryoctenes scrupulosus (Coleoptera)
Dysides obscurus (Coleoptera)
Sosylus terminalis (Coleoptera)

STANHOPEA:

Tenthecoris distinctus (Hemiptera)
Vinsonia stellifera (Homoptera)

STENOCACTUS:

Setomorpha rutella (Lepidoptera)

STENOLOBIUM:

Coccus viridis (Homoptera)

STRELITZIA:

Phenacaspis sandwicensis (?) (Homoptera)
Pinnaspis buxi (Homoptera)

SYNGONIUM:

Pinnaspis buxi (Homoptera)

SYRINGA:

Aonidiella citrina (Homoptera)

TAMARINDUS:

Caryedon fuscus (Coleoptera)
Myelois ceratoniae (Lepidoptera)

TAMARIX:

Ceroplastes japonicus (Homoptera)

TILIA:

Ernoporos tiliae (Coleoptera)

TILLANDSIA:

Tychius inermis (Coleoptera)

TRICHOCAULON:

Trionymus lounsburyi (Homoptera)

TRICHOGLOTTIS:

Ferrisiana virgata (Homoptera)

TRIGONIDIUM:

Vinsonia stellifera (Homoptera)

TULIPA:

Endrosis lactella (Lepidoptera)
Nemapogon granella (Lepidoptera)
Rhopalosiphoninus tulipaella (Homoptera)

ULEX:

Hofmannophila pseudospretella (Lepidoptera)

ULMUS:

Pteleobius vittatus (Coleoptera)

VACCINIUM:

Rhopobota naevana (Lepidoptera)

VANDA:

Ferrisiana virgata (Homoptera)
Furcaspis biformis (Homoptera)
Meristata dohrni (Coleoptera)
Meristata trifasciata (Coleoptera)
Parlatoria pseudaspidiotus (Homoptera)
Pseudaonidia tesserata (Homoptera)
Pseudococcus lilacinus (Homoptera)
Pulvinaria psidii (Homoptera)

VICIA:

Apion craccae (Coleoptera)
Apion pomonae (Coleoptera)
Bruchus incarnatus (Coleoptera)
Bruchus brachialis (Coleoptera)
Bruchus dentipes (Coleoptera)
Bruchus guttalis (Coleoptera)
Bruchus luteicornis (Coleoptera)
Bruchus rufipes (Coleoptera)
Bruchus tristiculus (Coleoptera)
Callosobruchus chinensis (Coleoptera)

VIGNA:

Callosobruchus chinensis (Coleoptera)
Callosobruchus maculatus (Coleoptera)

VITIS:

Ceratitis capitata (Diptera)
Euzesta quaternaria (Diptera)
Lema bilineata (Coleoptera)
Leptoglossus chilensis (Hemiptera)
Parlatoria oleae (Homoptera)
Phylloxera callosus (Coleoptera)
Rhinoneus perpendicularis (Coleoptera)

WARSCIEWICZELLA:

Coccus pseudoheperidum (Homoptera)

ZEA:

Chaetopsis fulvifrons (Diptera)
Diatraea crambidoides (Lepidoptera)
Diatraea saccharalis (Lepidoptera)
Euzesta stigmatias (Diptera)
Lophocateres pusillus (Coleoptera)
Moodna bisinuella (Lepidoptera)

Host unknown

AIRPLANE:

Nysius dallasi (Hemiptera)
Nysius minutus (Hemiptera)
Parozyna sororcula (Diptera)
Tephritis genalis (Diptera)
Xylobiops texanus (Coleoptera)

BASKET:

Diaphania nitidalis (Lepidoptera)

BAY (?):

Vinsonia stellifera (Homoptera)

BEAN:

Agrocorota propinqua (Coleoptera)
Bruchus tristis (Coleoptera)
Callosobruchus chinensis (Coleoptera)
Callosobruchus maculatus (Coleoptera)
Callosobruchus phascoli (Coleoptera)
Zabrotes subfasciatus (Coleoptera)

CASE OF FOOD:

Ceratitis capitata (Diptera)

CONIFER SLAT:

Pogonocherus fasciculatus (Coleoptera)

CUTTINGS:

Aonidiella inornata (Homoptera)
Ceroplastes cirripediformis (Homoptera)
Ferrisiana virgata (Homoptera)
Pseudaonidia tesserata (?) (Homoptera)

DECK NEAR GARBAGE:

Anastrepha ludens (Diptera)

FERN:

Ceroplastes rubens (Homoptera)

FOREST LITTER:

Lepidosaphes espinosai (Homoptera)

GRASS:

Aspidiotus subhortinus (Homoptera)
"Targionia" sacchari (Homoptera)

HERB:

Conotrachelus seniculus (Coleoptera)
Synchlora aerata (Lepidoptera)

LEAF:

Aspidiotus destructor (Homoptera)
Tetraleurodes mori (Homoptera)
Tetraleurodes vaporariorum (Homoptera)

Host unknown—Continued

EGUME: <i>Brachyacma palpigera</i> (Lepidoptera)	PLANT: <i>Aleurotuberculatus aucubae</i> (Homoptera) <i>Asterolecanium pustulans</i> (Homoptera) <i>Dialeurodes kirkaldyi</i> (Homoptera) <i>Ferrisia virgata</i> (Homoptera)
OG: <i>Boroxylon stephegynis</i> (Coleoptera) <i>Coelosternus consputus</i> (Coleoptera) <i>Fulcius brevicornis</i> (Hemiptera) <i>Platypus rugulosus</i> (Coleoptera)	RETURNED MILITARY EQUIPMENT: <i>Achatina fulica</i> (Mollusca)
LANDADO BAG: <i>Zabrotes subfasciatus</i> (Coleoptera)	SAWDUST PACKING: <i>Forficula auricularia</i> (Dermaptera)
MOSS AND FOREST LITTER: <i>Apion flavipes</i> (Coleoptera) <i>Cassida nebulosa</i> (Coleoptera) <i>Cassida nobilis</i> (Coleoptera) <i>Ceutorhynchus erysimi</i> (Coleoptera) <i>Chlorochroa juniperina</i> (Hemiptera) <i>Cymus melanocephalus</i> (Hemiptera) <i>Eurydema oleraceum</i> (Hemiptera) <i>Hypera nigricornis</i> (Coleoptera) <i>Longitarsus melanocephalus</i> (Coleoptera) <i>Phytobius quadrituberculatus</i> (Coleoptera) <i>Rhinoncus bruchoides</i> (Coleoptera) <i>Sibinia potentillae</i> (Coleoptera) <i>Strephosoma rufipes</i> (Coleoptera) <i>Ulopa reticulata</i> (Homoptera)	SEED: <i>Anastrepha ludens</i> (Diptera) <i>Merobruchus julianus</i> (Coleoptera)
MOSS AND SOIL PACKING: <i>Rhinoncus pericarpus</i> (Coleoptera)	SHRUB: <i>Ceutorhynchus floralis</i> (Coleoptera) <i>Phyllotreta undulata</i> (Coleoptera) <i>Sitona lineata</i> (Coleoptera)
MULTIFLOWERED LEI: <i>Taeniothrips hawaiiensis</i> (Thysanoptera)	STRAW PACKING: <i>Hoffmannophila pseudospretella</i> (Lepidoptera)
	SUITCASE: <i>Kaloterpes marginipennis</i> (Isoptera)
	VINE: <i>Euscepes postfasciatus</i> (Coleoptera)
	WOOD: <i>Acanthoderes circumflexa</i> (Coleoptera) <i>Amphicerus cornutus</i> (Coleoptera) <i>Amyssomotum rastratum flexum</i> (Hemiptera) <i>Cryptotermes brevis</i> (Isoptera) <i>Heteroboscotrychus aequalis</i> (Coleoptera) <i>Micrapate brasiliensis</i> (Coleoptera) <i>Smoxylon anale</i> (Coleoptera) <i>Xylopsocus castanoptera</i> (Coleoptera)

Countries of origin and insects

ALGERIA: <i>Ceratitis capitata</i>	BELGIUM: <i>Ebergestis forficalis</i> <i>Gracilaria azaleella</i> <i>Hoffmannophila pseudospretella</i> <i>Iaspeyresia splendana</i> <i>Lepidosaphes tuberculata</i> <i>Napomyza lateralis</i> <i>Phyllotreta cruciferae</i> <i>Phytomyza atricornis</i>
ANGLO-EGYPTIAN SUDAN: <i>Sinorylon anale</i>	BERMUDA: <i>Aleurocanthus woglumi</i> <i>Aspidiotus subcortinus</i> <i>Bradybaena similis</i> <i>Ceratitis capitata</i> <i>Lygus oblineatus</i> <i>Phenacoccus gossypii</i> <i>Prodenia ornithogalli</i> <i>Synchlora aerata</i>
ARGENTINA: <i>Acanthoscelides armigaei</i> <i>Anastrepha fraterculus</i> <i>Ceratitis capitata</i> <i>Diatraea saccharalis</i> <i>Euxesta quaternaria</i> <i>Nysius simulans</i> <i>Parlatoria cinerea</i> <i>Parlatoria oleae</i> <i>Pseudaonidia trilobitiformis</i> <i>Tenthecoris venezuelensis</i> <i>Typhlocyba froggatti</i>	BRAZIL: <i>Anastrepha fraterculus</i> <i>Asterolecanium epidendri</i> <i>Caryoborus serripes</i> <i>Ceratitis capitata</i> <i>Chrysomphalus personatus</i> <i>Coccus pseudodohesperidum</i> <i>Conchaspis angraci</i> <i>Diaphania nitidalis</i> <i>Dysdercus ruficollis</i> <i>Eurytoma orchidearum</i> <i>Euscepes postfasciatus</i> <i>Furcaspis biformis</i> <i>Maruca testulalis</i> <i>Mecolaemus carvalhoi</i> <i>Micrapate brasiliensis</i> <i>Microtheca ochroloma</i> <i>Mormidea v-luteum</i> <i>Nasutitermes corniger</i> <i>Parlatoria cinerea</i> <i>Pectinophora gossypiella</i> <i>Tenthecoris bicolor</i> <i>Tenthecoris eritiosus</i> <i>Tenthecoris venezuelensis</i> <i>Trialeurodes vaporariorum</i> <i>Unaspis citri</i> <i>Vinsonia stellifera</i>
RUBA: <i>Anastrepha mombrinaepraeoptans</i>	BRITISH GUIANA: <i>Asterolecanium pustulans</i> <i>Callosobruchus chinensis</i> <i>Chrysomphalus personatus</i> <i>Protopulvinaria longivalvata</i> <i>Vinsonia stellifera</i>
RUSSIA: <i>Ceratitis capitata</i> <i>Desmothrips australis</i> <i>Lepidosaphes tuberculata</i> <i>Ozycaenus bicolor</i>	
ZORES: <i>Ceratitis capitata</i> <i>Dacus oleae</i> <i>Iridomyrmex humilis</i> <i>Pantomorus godmani</i> <i>"Targionia" bromiliae</i>	
AHAMAS: <i>Aleurotrachelus trachoides</i> <i>Anastrepha mombrinaepraeoptans</i> <i>Aspidiotus destructor</i> <i>Asterolecanium pustulans</i> <i>Callosobruchus chinensis</i> <i>Callosobruchus maculatus</i> <i>Coccus capparidis</i> <i>Coccus viridis</i> <i>Dryotribus mimeticus</i> <i>Lepidosaphes tokionis</i> <i>Leptostylus incrassatus</i> <i>Morganella longispina</i> <i>Oosternum costatum</i> <i>Unaspis citri</i>	
ARBADOS: <i>Brachyacma palpigera</i> <i>Haplothrips gowdeyi</i> <i>Protopulvinaria pyrifor mis</i> <i>"Targionia" hartii</i> <i>Vinsonia stellifera</i>	
ELGIAN CONGO: <i>Specularius impressithorax</i>	

Countries of origin and insects—Continued

BRITISH HONDURAS:

Anastrepha ludens
Diatraea cramboides
Lecanodiaspis dendrobii
Pseudischinaspis alienus

BRITISH WEST INDIES:

Callosobruchus chinensis
Callosobruchus maculatus
Cellosobruchus phaseoli
Pectinophora gossypiella

CAMEROONS:

Bostrychophites cornutus
Cordylomera spinicornis

CANADA:

Acalypta mera
Acalypta nyctalis
Bembecia marginata
Brachyrrhinus sulcatus
Dioryctria abietella
Liriomyza pusilla
Phytomyza obscurella nigritella
Taeniothrips simplex

CANAL ZONE:

Acanthoscelides armigaei
Amysonotum rastratum flexum
Anastrepha mombinpraeoptans (?)
Aspidiotus destructor
Aspidiotus herculeanus
Asterolecanium epidendri
Cleogonus armatus
Furcaspis biformis
Galgupha punctifer
Metamasius sericeus
Parlatoria pseudaspidiotus
Protopulvinaria pyriformis
Stenoma catenifer
Stephanoderes lecontei
Tenthecoris distinguens
Vinsonia stellifera

CENTRAL AMERICA:

Taeniothrips simplex

CHILE:

Leptoglossus chilensis

CHINA:

Aspidiotus destructor
Callosobruchus chinensis
Ceroplastes japonicus
Chilo simplex
Coptotermes formosanus
Cylas formicarius subspecies (?)
Parlatoria camelliae
Parlatoria zizyphus

COLOMBIA:

Anastrepha fraterculus (?)
Aspidiotus destructor
Autoserica castanea
Chrysomphalus tenax
Clerada apicornis
Coccus viridis
Eurytoma orchidearum
Euscepes postfasciatus
Ferrisiana virgata
Frankliniella moultoni
Furcaspis biformis
Tenthecoris balloui
Tenthecoris columbiensis
Tenthecoris exitiosus
Tenthecoris venezuelensis
Unaspis citri

COSTA RICA:

Anastrepha serpentina (?)
Anastrepha striata
Aspidiotus destructor
Aspidiotus palmae
Callosobruchus maculatus
Chrysomphalus scutiformis
Chrysomphalus umboniferus
Coccotrypes dactyliperda
Epinotia opposita
Eurytoma orchidearum
Ferrisiana virgata
Furcaspis biformis
Leucaspis cockerelli
Mecomtopus jansoni
Metamasius sericeus
Nasutitermes corniger
Phytomyza atricornis
Platycarenum humilis

COSTA RICA—Continued

Pseudischinaspis alienus
Sibine stimulea
 "Targionia" sacchari
Tenthecoris vestitus

CUBA:

Aleurocanthus woglumi
Aleurothrixus myrtacei
Anastrepha mombinpraeoptans
Anastrepha suspensa (?)
Aspidiotus destructor
Coccus viridis
Coptocycla dorsopunctata
Cylas formicarius var.
Cylas formicarius elegantulus
Ferrisiana virgata
Hellula phidilealis
Leucaspis cockerelli
Phyllophaga alquizar
Platynota rostrana
Prodenia eridania
Protopulvinaria pyriformis
Ribua innoxia
Stephanopachys rugosus
Zamagiria deia

CURACAO:

Callosobruchus maculatus
Unaspis citri

CYPRUS:

Callosobruchus maculatus
Pectinophora gossypiella

CZECHOSLOVAKIA:

Pityogenes chalcographus
Rhagoletis cerasi

DENMARK:

Euleia heraclei
Psila rosae
Spartes villosus
Strophosoma melanogrammus

DOMINICA:

"Targionia" hartii

DOMINICAN REPUBLIC:

Anastrepha mombinpraeoptans
Anastrepha suspensa
Frankliniella insularis
Mimosestes dominicana
Pectinophora gossypiella

EAST AFRICA:

Pseudaonidia trilobitiformis

ECUADOR:

Euscepes postfasciatus
Metamasius sericeus var.
Premnotrypes vorax

EGYPT:

Callosobruchus maculatus
Cassida vittata
Ceratitis capitata
Pectinophora gossypiella

ENGLAND:

Acalypta platychila
Allantus cinctus
Anuraphis helichrysi
Cassida flaveola
Ceutorhynchus quadridens
Chaetocnema hortensis
Dalopius marginatus
Dialeurodes chittendeni
Elaphria chalcodonia
Euleia heraclei
Eurytoma crasineura
Evergestis forficatus
Haplothrips cottei
Hofmannophila pseudospretella
Laspeyresia splendana
Leperisinus fraxini
Lepidosaphes tuberculata
Phyllotreta cruciferae
Pieris brassicae
Psila rosae
Pteleobius vittatus
Scolopostethus affinis
Taeniothrips ericae
Thrips fuscipennis

FINLAND:

Pogonocherus fasciculatus
Rhopobota naevana

Countries of origin and insects—Continued

FORMOSA:

Dialeurodes citri

FRANCE:

Apion cracca
Apion pomonae
Bruchus guttalis
Bruchus luteicornis
Bruchus tristis
Caryedon fuscus
Ceratitis capitata
Chirothrips manicatus
Ernoporus tiliae
Euleia heraclei
Ebergestis forficatis
Laspeyresia splendana
Liothrips vaneeckei
Parlatoria cinerea
Pieris brassicae
Psila rosae
Rhagoletis cerasi
Thrips angusticeps

FRENCH EQUATORIAL AFRICA:

*Cordylomera spinicornis**Fulbrius oxycaenoides*

FRENCH GUIANA:

Vinsonia stellifera

FRENCH WEST AFRICA:

Fulbrius brevicornis

GERMANY:

Acalypta musci
Apion flavipes
Forficula auricularia
Gymnaetron beccabungae nigrum
Hylurgops palliatus
Hypera pedestris
Hypera rumicis
Ips typographus
Lema cyanella
Lema melanopa
Phylloreta atra
Phylloreta undulata
Phytobius quadrituberculatus
Phytogenes chalcographus
Rhinoncus bruchoides
Rhynchaenus fagi
Rutidosoma fallax

GOLD COAST:

Ceratitis capitata (?)*Cordylomera spinicornis*

GREECE:

Bruchus brachialis
Ceratitis capitata
Dacus oleae

GUAM:

Achatina fulica
Antonina graminis
Aspidiotus destructor
Aspidiotus sacchari
Aspidiotus spinosus
Asterolecanium pustulans
Dinoderus brevis
Ferrisia virgata
"Targionia" sacchari

GUATEMALA:

Anastrepha ludens
Anastrepha mombinpraeoptans
Anastrepha serpentina
Aspidiotus destru. tor
Aspidiotus palmae
Chrysomphalus nigropunctatus
Chrysomphalus tenax
Cosmopolites sordidus
Cyrtosoma tristigma
Diorymerellus laevimargo
Eurytoma orchidearum
Erptochioma albomaculata
Furcaspis biformis
Kaloterms marginipennis
Lygaeus vitticatus
Metrioria tuberculata
Nasutitermes corniger
Parlatoria cinerea
Pinnaspis buzi
Plagioderia atritarsis
Platoceticus symmetrica
Pseudoschnaspis alienus
Pseudoparlatoria ostreata

GUATEMALA—Continued

Tenthecoris confusus
Tenthecoris distinctus
Tenthecoris vestitus
Xanthonia guatemalensis

HAITI:

Anastrepha mombinpraeoptans
Coccus viridis
Diatraea saccharalis
Pinnaspis buzi
Vinsonia stellifera

HAWAII:

Aonidiella inornata
Aspidiotus destructor
Aspidiotus spinosus
Caryedon fuscus
Ceratitis capitata
Cero-plastes rubens
Coccus viridis
Cryptorhynchus mangiferae
Cryptotermes brevis
Dacus cucurbitae
Dacus dorsalis
Ereumetis flavistrata
Haplothrips gowdeyi
Lampides boeticus
Lepidosaphes tokionis
Lepidosaphes uniloba
Leucaspis cockerelli
Marcia testulalis
Pealius hubisi
Pectinophora gossypiella
Phenacaspis sandwicensis (?)
Pinnaspis buzi
Pseudonidia clavigera
Pseudococcus palmarum
Taeniothrips hawaiiensis
Xyleborus testaceus
Xylopsocus castanoptera

HONDURAS:

Anastrepha mombinpraeoptans
Anastrepha serpentina
Anastrepha striata
Cryphula apicatus
Diorymerellus laevimargo
Euscepes postfasciatus
Iridomyrmex humilis
Metamasius sericeus
Mimosestes dominicana
Nasutitermes corniger
Pseudoschnaspis alienus
Stenomoma anonella
Tenthecoris confusus

HUNGARY:

Molorchus minor
Pyrausta nubilalis

INDIA:

Bruchus emarginatus
Callosobruchus analis
Callosobruchus chinensis
Caryedon fuscus
Ceratitis capitata (?)
Coccus capparidis
Corcyra cephalonica
Dinoderus pilifrons
Eutornicus congener
Halimococcus borassi
Heterobostrychus aequalis
Lepidosaphes latero-chitinsa
Lepidosaphes tuberculata
Lethaeus aeruginosus
Meristata dohrni
Meristata trifasciata
Prodenia ornithogalli
Pyrausta nubilalis
Smorylon anole
Stenogrynium quadrinotatum

IRAN:

Bruchus dentipes

IRAQ:

Coccotrypes dactyliperda

IRELAND:

Euleia heraclei
Forficula auricularia
Hypera postica
Psila rosae

Countries of origin and insects—Continued

ITALY:

Apion carduorum
Barathra brassicae
Brachycerus albidentatus
Brachycerus albus
Bruchidius gibbus
Bruchidius incarnatus
Bruchus ervi
Bruchus lentis
Bruchus luteicornis
Bruchus rufipes
Bruchus signaticornis
Bruchus ulicis
Callosobruchus chinensis
Ceratitis capitata
Ceroplastes rusci
Curculio elephas
Dacus oleae
Eurytoma oleae
Forficula auricularia
Grapholitha molesta
Hofmannophila pseudospretella
Laspeyresia splendana
Lepidosaphes ficus
Mecinus pyrae
Myelois ceratoniae
Parlatoria oleae
Pectinophora gossypiella
Phalonia zephyrana
Phymatodes lividus
Psila rosae
Pyrausta nubilalis
Rhagoletis cerasi
Rhinoneus perpendicularis
Sesamia cretica
Sparticus villosus

JAMAICA:

Aleurocanthus woglumi
Anastrepha mombinpraeoptans
Aspidiotus destructor
Aspidiotus spinosus
Callosobruchus chinensis
Callosobruchus maculatus
Callosobruchus phaseoli
Coccus viridis
Frankliniella insularis
Leucaspis cockerelli
Monomorium destructor
Palaenopus costicollis
Parlatoria cinerea
Pseudonidia tessellata
Unaspis citri
Vinsonia stellifera

JAPAN:

Aleurotuberculatus aucubae
Aspidiotus cryptomeriae
Aspidiotus degeneratus
Aspidiotus diffinis
Carposina sasakii
Ceroplastes ceriferus
Ceroplastes japonicus
Ceroplastes rubens
Dialeurodes kirkaldyi
Euscepes postfasciatus
Ferrisia virgata
Grapholitha molesta
Lepidosaphes conchiformis
Lepidosaphes pallida
Lepidosaphes tuberculata
Liothrips vaneeckei
Parlatoria camelliae
Parlatoria theae
Pealius rhododendri
Phyllobius intrusus
"Poliaspis" pini
Pseudococcus pini
Ptochoryctis tsugensis
Raphidopalpa femoralis
Stephanitis pyroides
Unaspis yanonenis
Vesticulaphis caricis

KOREA:

"*Poliaspis*" *pini*

LEBANON:

Bruchus dentipes
Bruchus ervi
Parlatoria oleae

LEEWARD ISLANDS:

Pseudoparlatoria ostreata
Vinsonia stellifera

MALAYSIA:

Parlatoria zizyphus

MARIANAS:

Achatina fulica
Ferrisia virgata

MARTINIQUE:

Psila rosae

MEXICO:

Acanthoderes circumflexa
Acanthoscelides quadridentatus
Aceria tulipae
Acroleucus vicinalis
Acrolophus superstes
Agroiconota propinqua
Agromyza virens
Alcaeorrhynchus grandis
Aleurocanthus woglumi
Aleutroglandulus emmae
Aleuroparadoxus gardeniae
Algarobius prosopis
Alpheias conspirata
Amorbia emigratella
Amphicerus cornutus
Amyssonotum rastratum flexum
Anastrepha ludens
Anastrepha mombinpraeoptans
Anastrepha serpentina
Anastrepha striata
Anelaphus truncatus
Anthonomus albobineatus
Anthonomus baridioides
Anuraphis helichrysi
Aonidiella citrina
Apion godmani
Arvelius albopunctatus
Aspidiotus destructor
Aspidiotus diffinis
Asterolecanium pustulans
Attelabus corvinus
Berecynthus delirator
Cacobrosis longipennella
Calligrapha diversa
Calligrapha felina
Calligrapha limbaticollis
Calligrapha multipustulata
Calligrapha notatipennis
Callirhytis sonoreae
Callosobruchus maculatus
Camirus conicus
Caulophilus latinasus
Celerio lineata
Chaetopsis fulvifrons
Chelymorpha comata
Chlorochroa ligata
Chrysobothris mali
Chrysomphalus abopictus
Chrysomphalus nigropunctatus
Chrysomphalus personatus
Chrysomphalus scutiformis
Chrysomphalus tenax
Chrysomphalus umboniferus
Cleogonus armatus
Cligenes delineata
Coleosternus consputus
Conchaspis angraei
Conotrachelus aguacatae
Conotrachelus integer
Conotrachelus perseae
Conotrachelus seniculus
Coptocycla semiatrata
Coryca cephalonica
Corimelaena minutissima
Creontiades femoralis
Crophius costatus
Crophius scabrosus
Cryphula apicatus
Curculio a-griseae
Cylas formicarius elegantulus
Cyrtocapsus caliginus
Cyrtopeltis varians
Diabrotica figurata
Diaphania hyalinata
Diaphania nitidalis
Diatraea saccharalis

Countries of origin and insects—Continued

MEXICO—Continued

Diorymerellus laevimargo
Disonycha leptolineata texana
Dysdercus minimulus
Epicaerus cognatus
Epilachna varivestis
Epinotia opposita
Estigmene acrea
Eucalandra setulosa
Eumysia stigmella
Eurytoma orchidearum
Eutettix tenellus
Evergestis rimosalis
Explochiomera albomaculata
Explochiomera oblonga
Explochiomera tumens
Faustinus rhombifer
Ferrissiana virgata
Frankliniella insularis
Frankliniopsis vespiformis
Fulvius anthocorides
Furcaspis biformis
Galgupha punctifer
Galgupha quadrisignata
Galgupha texana
Geocoris flavilineus
Gerstaeckeria bifasciata
Gerstaeckeria mutillaria
Gnorioschema gudmannella
Gnorioschema lavernella
Grapholitha packard
Haplothrips gowdeyi
Heliodines bella
Heraeus guttatus
Hyphantria cunea
Japetus sphaeroides
Lepidosaphes carinata
Lepidosaphes philococcus
Ligyrocoris abdominalis
Ligyrocoris aurivilliana
Ligyrocoris litigiosus
Ligyrocoris nitidicollis
Lineodes integra
Liriomyza pusilla
Loxostege similis
Lyctus caribaeus
Lygaeus circumplexatus
Lygaeus pusio
Lygaeus vittiscutis
Lygus elisus
Lygus oblineatus
Macrocephalus notatus
Macrocephalus stali
Macropygium reticulare
Megacerus contaminatus
Merobruchus flexicaulis
Merobruchus julianus
Metamasius sericeus carbonarius
Micrapate labialis
Mimorista flavidissimalis
Mimosestes dominicana
Mimosestes sallaei
Moneilema ebenus var.
Moodna bisinuella
Myodocha longicollis
Nabis alternatus
Neocattarus vegetus
Neoleucinodes elegantalis
Nysius basalis
Nysius calliger
Nysius minutus
Nysius raphanus
Ogdocoستا biannularis
Ogdocoستا juvenca
Olibrus submaculatus
Oosternum costatum
Ozophora consanguineus
Pachycoris torridus
Paraleyrodes singularis (?)
Parlatoria cinerea
Parozyna sororcula
Pectinophora gossypiella
Phatnoma annulipes concisa
Phelypera distigma
Phenacoccus gossypii
Physonota attenuata
Physonota mexicana

MEXICO—Continued¹

Pityophthorus coronarius
Plagioderia atritarsis
Plagioderia congesta
Plagioderia semivittata
Plagioderia thymaloides
Platoeceticus symmetrica
Platycarenum humilis
Platynota rostrana
Platynota stultana
Platypus rugulosus
Polydortomyia curvipes
Protopulvinaria longivalvata
Pseudischinaspis alienus
Pseudodiaspis yuccae
Pseudoparlatoria ostreata
Puto mexicanus
Renocis mexicanus
Reticulitermes flavipes
Rhagoletis pomonella
Rhagoletis striatella (?)
Rhopalophora incrustata
Scolytus rugulosus
Sericophanes ocellatus
Setomorpha rutella
Sisamnes contractus
Sizoonotus luteiceps
Stenoma catenifer
Stilodes caelebs
Synchlora aerata
Systole geniculata
Taeniothrips simplex
Talponia batei
"Targionia" bromiliae
Targionia yuccarum
Temnypra biguttula
Tenthecoris angustimarginatus
Tenthecoris confusus
Tenthecoris distinctus
Tephritis genalis
Tetraleurodes mori
Texanonus spatulatus
Trichobaris mucorea
Trochuda raspa
Tychius inermis
Tythomimus rufotestaceus
Unaspis euonymi
Xylobiops parilis
Xylobiops texanus
Zabrotes subfasciatus
Zygogramma obscurifasciata
Zygogramma piceicollis

MONTSERRAT:
Myelois ceratoniae

MOROCCO:
Ceratitis capitata
Exosoma lusitanica

MOZAMBIQUE:
Cylas puncticollis

NETHERLANDS:
Allantus cinctus
Apion flavipes
Barathra brassicae
Barypeithes pellucidus
Bruchus luteicornis
Cassida nebulosa
Cassida nobilis
Ceutorhynchus erysimi
Ceutorhynchus floralis
Chaetarthria seminulum
Chlorochroa juniperina
Cymus melonocephalus
Dialeurodes chittendeni
Endrosia lactella
Eurydema oleraceum
Evergestis forficatus
Forficula auricularia
Gracilaria azaleella
Hoffmannophila pseudospretella
Hypera nigristris
Lecanium coryli
Lepidosaphes tuberculata
Longitarsus melanocephalus
Nemopogon granella
Periphyllus horridus (?)
Phyllotreta undulata
Phytobius quadrituberculatus

Countries of origin and insects—Continued

NETHERLANDS—Continued

Pnyxia scabiei
Psila rosae
Rhinoncus bruchoides
Rhopalosiphoninus tulipae
Scolytus intricatus
Sibinia potentillae
Sitona lineata
Strophosoma rufipes
Taeniothrips simplex
Trialeurodes vaporariorum
Ulopa reticulata

NETHERLANDS GUIANA:

Diaphania nitidalis

NEW ZEALAND:

Maruca testulalis

NICARAGUA:

Anastrepha mombinpraeoptans
Anastrepha serpentina
Aspidiotus spinosus
Metamasius sericeus
Stenoma catenifer

NORTH IRELAND:

Hofmannophila pseudopretella

NORWAY:

Brachyrhinus porcatus
Polygraphus poligraphus
Psila rosae
Rhinoncus pericarpus

PALESTINE:

Aleurotrachelus citri
Ceratitidis capitata
Ceroplastes rusci
Lepidosaphes ficus

PANAMA:

Anastrepha mombinpraeoptans
Ancylostomia stercora
Aspidiotus destructor
Aspidiotus palmae
Cardioscarta miniaticeps
Ceroplastes cirripediformis
Chrysomphalus umboniferus
Leucaspis cockerelli
Maruca testulalis
Pseudaonidia trilobitiformis
Stenoma catenifer

PERU:

Chrysomphalus personatus
Eucactophagus aurocinctus
Gnorimoschema plaesiosema
Lepidosaphes spinosa
Premnotrypes solani (?)
Zabrotes subfasciatus

PHILIPPINES:

Aonidiella inornata
Aspidiotus coryphae
Aspidiotus destructor
Aspidiotus excisus
Boroxyton stephegynis
Callispa duodecimmaculata
Callosobruchus chinensis
Coptorhynchus ilgianus
Cryptorhynchus mangiferae
Cyamobolus palawanicus
Cylas formicarius
Cylas formicarius var.
Dacus dorsalis
Dinoderus brevis
Ferrisia virgata
Furcaspsis bififormis
Leucaspis cockerelli
Morganella longispina
Nysius dallasi
Parlatoria citri
Parlatoria pseudaspidiotus
Parlatoria zizyphus
Pseudaonidia curculiginis
Pseudococcus lilacinus
Pseudococcus palmarum
Pulvinaria psidii
Setomorpha rutella
Sinoxylon anale

POLAND:

Bruchus brachialis

PORTUGAL:

Aphis medicaginis
Bruchus guttalis
Bruchus tristiculus
Ceratitidis capitata
Chaetoptelius vestitus
Dacus oleae
Haplothrips cottei
Iridomyrmex humilis
Laspeyresia splendana
Lixus mucronatus
Pantomorus godmani
Parlatoria oleae
Rhagoletis cerasi
Sinoxylon sexdentatum

PUERTO RICO:

Aleurothrixus floccosus
Anastrepha mombinpraeoptans
Anastrepha suspensa
Ancylostomia stercora
Aspidiotus destructor
Aspidiotus herculeanus
Callosobruchus chinensis
Ceroplastes japonicus
Chaetopsis fulvifrons
Coccotrypes pygmaeus
Coccus viridis
Corcyra cephalonica
Cylas formicarius var.
Cylas formicarius elegantulus
Dialeurodes citrifolii
Diaprepes abbreviatus
Diatraea saccharalis
Elasmopalpus lignosellus
Euscepes postfasciatus
Euxesta stigmatias
Fundella pellucens
Maruca testulalis
Myelois ceratoniae
Paraleyrodes naramjae
Parlatoria zizyphus
Pectinophora gossypiella
Platynota rostrana (?)
Protopulvinaria pyrisformis
Sphenarches caffer
"Targionia" hartii
"Targionia" sacchari
Thyanta perditor
Vinsonia stellifera

ST. KITTS:

Pectinophora gossypiella
"Targionia" hartii

ST. VINCENT:

Acanthoscelides armitagei
"Targionia" hartii

SAIPAN:

"Targionia" sacchari

SALVADOR:

Anastrepha mombinpraeoptans
Anastrepha serpentina
Aspidiotus destructor
Conchaspis angraci
Corcyra cephalonica
Eurytoma orchidearum
Icerya zeleki
Leucaspis cockerelli
Pseudischnaspis alienus
Stenoma catenifer

SCOTLAND:

Psila rosae

SIAM:

Cylas formicarius var.
Parlatoria zizyphus

SIERRA LEONE:

Caryedon fuscus
Cylas puncticollis

SOUTH PACIFIC:

Furcaspsis oceanicus

SPAIN:

Ceratitidis capitata
Dacus oleae
Psila rosae

STRAITS SETTLEMENT:

Aonidiella citrina
Cylas formicarius

Countries of origin and insects—Continued

SWEDEN: <i>Hylurgops palliatus</i> <i>Ips typographus</i> <i>Pityogenes chalcographus</i> <i>Pogonocherus fasciculatus</i> <i>Psila rosae</i> <i>Rhagoletis alternata</i>	UNKNOWN—Continued <i>Parlatoria crotonis</i> <i>Phlyctinus callosus</i> <i>Psila rosae</i> <i>Rhagoletis cerasi</i> (?) <i>Taeniothrips simplex</i> <i>Tenthoris venezuelensis</i>
SWITZERLAND: <i>Parlatoria camelliae</i> <i>Rhagoletis cerasi</i>	VENEZUELA: <i>Amphicerus cornutus</i> <i>Anastrepha serpentina</i> <i>Asterolecanium epidendri</i> <i>Aulacaspis cinnamomi</i> <i>Brentus anchorago</i> <i>Callosobruchus maculatus</i> <i>Chrysomphalus umboniferus</i> <i>Coccus viridis</i> <i>Conchaspis angraei</i> <i>Dryotemes scrupulosus</i> <i>Dysides obscurus</i> <i>Eurytoma orchidearum</i> <i>Ferrisia virgata</i> <i>Forficula auricularia</i> <i>Furcaspis biformis</i> <i>Heraeus cincticornis</i> <i>Lophocateres pusillus</i> <i>Lygaeus guatemalanus</i> <i>Mecolaemus curvalhoi</i> <i>Pectinophora gossypiella</i> <i>Protopulvinaria longivalvata</i> <i>Protopulvinaria pyriformis</i> <i>Sosylus terminalis</i> <i>Stenomona anonella</i> <i>Stenomona catenifer</i> <i>Tenthoris venezuelensis</i>
SYRIA: <i>Ceratitidis capitata</i>	
TAHITI: <i>Ceroplastes rubens</i> <i>Eucalyptatus tessellatus</i> <i>Morganella longispina</i> <i>Parlatoria cinerea</i>	
TRINIDAD: <i>Anastrepha mombinpraepotans</i> <i>Aspidiotus destructor</i> <i>Diaphania nitidalis</i> <i>Furcaspis biformis</i> <i>Pseudonidia tessellata</i> <i>Unaspis citri</i> <i>Vinsonia stellifera</i>	
TURKEY: <i>Laspeyresia splendana</i> <i>Parlatoria oleae</i>	
UNION OF SOUTH AFRICA: <i>Ceratitidis capitata</i> <i>Ceratitidis rosa</i> <i>Lema bilineata</i> <i>Phlyctinus callosus</i> <i>Trionymus lounsburyi</i>	
UNKNOWN: <i>Anastrepha ludens</i> <i>Anastrepha serpentina</i> (?) <i>Asterolecanium bambusae</i> <i>Bruchus luteicornis</i> <i>Ceratitidis capitata</i> <i>Chilo simplex</i> <i>Grapholitha molesta</i> <i>Pantomorus godmani</i>	WIRGIN ISLANDS: <i>Coreyra cephalonica</i> <i>Cylas formicarius elegantulus</i> <i>Euscepes postfasciatus</i> <i>"Targionia" hartii</i> WALES: <i>Psila rosae</i> WEST INDIES: <i>"Targionia" hartii</i>

List of pests (diseases) collected and reported from July 1, 1947, to June 30, 1948, inclusive

[An asterisk indicates State inspection]

Disease and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
<i>Ailernaria citri</i> Ell. & Pierce: <i>Citrus sinensis</i> (orange)	Mexico	1			Tex.
<i>Aphelenchoides bicaudatus</i> Imanura: <i>Colocasia</i> sp. Unidentified vine roots on returned war equipment.	Cyprus Okinawa		1		N. J. Calif.*
<i>Aphelenchoides parietinus</i> (Bastian) Steiner: <i>Lilium</i> sp. (lily)	England			1	N. J.
<i>Aphelenchoides ritzema-bosi</i> (Schwartz): <i>Allium sativum</i> (garlic)	Mexico	1			Tex.
<i>Aphelenchoides subtenius</i> Cobb: <i>Narcissus</i> sp.	Netherlands			1	N. J.
<i>Aphelenchus avenae</i> Bastian: <i>Solanum tuberosum</i> (potato)	France, Mexico		2		Tex.
<i>Ascochyta cichorii</i> Died.: <i>Cichorium intybus</i> (chicory)	Belgium	1			N. Y.
<i>Ascochyta citri</i> Penz.: <i>Citrus sinensis</i> (?) (orange)	Italy	1			Mich.
<i>Citrus</i> sp. <i>Ascochyta decipiens</i> Pass.: <i>Antirrhinum majus</i>	Azores England	1 1			N. Y. N. Y.
<i>Ascochyta fraxini</i> Bub. & Kab.: <i>Fraxinus excelsior</i> (European ash)	Italy	1			N. Y.
<i>Ascochyta pisi</i> Lib.: <i>Pisum sativum</i> (pea)	France		1		Tex.

List of pests (diseases) collected and reported from July 1, 1947, to June 30, 1948,
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Disease and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
<i>Asterosporium hoffmanni</i> G. Kunze:					
<i>Fagus</i> sp.	Netherlands			1	N. J.
<i>Aulographum eucalypti</i> Cke. & Mass.:					
<i>Eucalyptus ficifolia</i>	Australia	1			Ohio.
<i>Botryosphaeria ribis</i> Gross. & Dugg. (?):					
<i>Morus</i> sp. (?)	Japan			1	Calif.*
<i>Botrytis elliptica</i> (Berk.) Cke.:					
<i>Lilium auratum</i> (goldband lily)	do			2	Calif.*
<i>Botrytis galanthina</i> (Berk. & Br.) Sacc.:					
<i>Galanthus</i> sp.	Netherlands			41	Mich., N. J., N. Y., Ohio.
<i>Botrytis gladiolorum</i> Timmermans:					
<i>Gladiolus</i> sp.	do			13	N. J., Tex.
<i>Cercospora angraeci</i> Roum.:					
<i>Odontoglossum</i> sp. (orchid)	England, France			2	N. J.
<i>Cercospora gossypina</i> Cke.:					
<i>Gossypium</i> sp. (cotton)	Mexico	1			Tex.
<i>Cercospora handelii</i> Bub.:					
<i>Rhododendron</i> sp.	Belgium, Netherlands			10	N. J.
<i>Cercospora musae</i> Zimm.:					
<i>Musa paradisiaca sapientum</i> (banana)	Canal Zone, Costa Rica, Cuba, Dominican Republic, Guatemala, Honduras, Mexico, Netherlands Guiana, Nicaragua, Panama	137	2		Calif.,* Md., N. Y., Pa., Tex.
<i>Cercospora neriella</i> Sacc.:					
<i>Nerium oleander</i> (oleander)	Bermuda	2		2	Md., Va.
<i>Cercospora nicotianae</i> Ell. & Ev.:					
<i>Nicotiana tabacum</i> (tobacco)	Cuba	3			N. Y.
<i>Cercospora physaliscola</i> Ell. & Barth. (?):					
<i>Physalis</i> sp. (husk tomato)	Mexico	1			Tex.
<i>Cercospora rosicola</i> Pass.:					
<i>Rosa</i> sp. (rose)	Cuba, Mexico	2			N. J., Tex.
<i>Cercospora violae</i> Sacc.:					
<i>Viola</i> sp. (pansy)	Canada			1	N. Y.
<i>Cercospora zinniae</i> Ell. & Martin:					
<i>Zinnia</i> sp.	Trinidad	1			N. Y.
<i>Ceuthospora lunata</i> Shear:					
<i>Gaultheria</i> sp.	Netherlands			1	N. J.
<i>Coleosporium dahliae</i> Arth.:					
<i>Dahlia</i> sp.	Mexico	2			Tex.
<i>Coleosporium senecionis</i> (Pers.) Fr.:					
<i>Senecio deferens</i>	Argentina	1			N. Y.
<i>Colletotrichum hibisci</i> Poll. (?):					
<i>Hibiscus</i> sp.	Guam	1			Calif.*
<i>Colletotrichum lilii</i> Plakidas:					
<i>Lilium auratum</i> (goldband lily)	Japan			4	Calif.*
<i>Lilium auratum praecox</i>	do			1	Calif.*
<i>Lilium japonicum</i> (Japanese lily)	do			3	Calif.*
<i>Lilium pumilum</i> (coral lily)	China			1	Calif.*
<i>Lilium rubellum</i> (rubellum lily)	Japan			2	Calif.*
<i>Lilium speciosum</i> (speciosum lily)	do			1	Calif.*
<i>Lilium speciosum rubrum</i> (pink speciosum lily)	do			2	Calif.*
<i>Lilium tigrinum</i> (tiger lily)	India			1	Calif.*
<i>Lilium</i> sp.	Australia, China, Japan			4	Calif.*
<i>Colletotrichum vanillae</i> Scalia:					
<i>Vanilla</i> sp. (orchid)	Cuba			1	Fla.
<i>Coniothyrium diplodiella</i> (Speg.) Sacc.:					
<i>Rosa</i> sp.	France			1	N. J.
<i>Coniothyrium genistae</i> (Roum.) Berl. & Vogl.:					
<i>Genista</i> sp.	Canada			1	N. J.
<i>Coniothyrium hellebori</i> Cke. & Mass.:					
<i>Helleborus niger</i> (Christmas rose)	Netherlands			2	N. J.
<i>Coniothyrium hysterioideum</i> Karst.:					
<i>Dasyllirion</i> sp.	Mexico			1	Tex.
<i>Coniothyrium olivaceum</i> Bon.:					
<i>Ulex europaeus</i> (gorse)	Ireland			1	Mass.
<i>Coryneum beijerincki</i> Oud.:					
<i>Prunus persica</i> (peach)	Italy	1			N. Y.

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		Consumption	Nonentry	Propagation	
<i>Cryptospora longispora</i> Servazzi:					
<i>Pinus</i> sp. (pine).....	New Zealand.....			1	N. Y.
<i>Cumminsia sanguinea</i> (Pk.) Arth.:					
<i>Mahonia aquifolium</i> (Oregon hollygrape).....	Belgium, Netherlands.....			3	N. J.*
<i>Cytospora ambiens</i> Sacc.:					
<i>Malus sylvestris</i> (apple).....	England.....			1	N. J.
<i>Cytospora atra</i> (Bon.) Sacc.:					
<i>Morus</i> sp.....	Japan.....			1	Calif.*
<i>Cytospora ceratophora</i> Sacc.:					
<i>Castanea</i> sp. (chestnut).....	France.....	1			N. Y.
<i>Cytospora chrysosperma</i> Pers. ex Fr.:					
<i>Salix</i> sp.....	Argentina.....		1		Pa.
<i>Cytospora lirella</i> Syd.:					
<i>Bambusa</i> sp. (bamboo).....	Mexico.....			1	Calif.*
<i>Dendryphium toruloides</i> (Fres.) Sacc. var. <i>taurinese</i> (Ferr. & Tonelli) Trott.:					
<i>Catleya skinneri</i> (orchid).....	Costa Rica.....			1	Tex.
<i>Diaporthe dubia</i> Nits. (?):					
<i>Cactus</i>	Mexico.....			1	Tex.
<i>Diplodia bambusae</i> Ell. & Langl.:					
<i>Bambusa</i> sp. (bamboo).....	do.....			1	Calif.*
<i>Diplodia paraphysaria</i> Sacc.:					
<i>Aerides</i> sp. (orchid).....	Philippines.....			1	Calif.*
<i>Catleya gigas</i> (orchid).....	Colombia.....			1	Fla.
<i>Dendrobium</i> sp. (orchid).....	Honduras.....			1	Fla.
<i>Epidendrum atropurpureum</i> (orchid).....	Mexico.....			1	Calif.*
<i>Oncidium</i> sp. (orchid).....	French Guiana.....			1	Calif.*
<i>Diplodia populina</i> Fekl.:					
<i>Populus</i> sp.....	Portugal.....	1			Pa.
<i>Diplodia theobromae</i> (Pat.) Nowell:					
<i>Cajanus cajan</i> (pigeonpea).....	Panama.....	1			N. Y.
<i>Mangifera indica</i> (mango).....	Egypt.....	1			N. Y.
<i>Manihot esculenta</i> (cassava).....	Brazil.....			1	Fla.
<i>Musa paradisiaca</i> (plantain).....	Cuba.....	1			N. Y.
<i>Discosia artocreas</i> Tode ex Fr.:					
<i>Rhododendron</i> sp.....	Netherlands.....			1	N. J.
<i>Ditylenchus dipsaci</i> (Kuhn) Filip.:					
<i>Allium sativum</i> (garlic).....	Mexico.....	23	1	1	Tex.
<i>Colchicum agrippinum</i> (agrippa autumn-crocus).	Netherlands.....			1	N. J.
<i>Colchicum</i> sp.....	do.....			1	N. J.
<i>Narcissus</i> sp.....	England.....			1	N. J.
<i>Ornithogalum</i> sp.....	Netherlands.....			1	N. J.
<i>Ditylenchus iridis</i> Steiner:					
<i>Colchicum bornmuelleri</i> (bornmueller autumn-crocus).	do.....			1	N. J.
<i>Colchicum speciosum</i> (showy autumn-crocus).	do.....			1	N. J.
<i>Crocus</i> sp.....	do.....			1	Tex.
<i>Iris filifolia</i> (Gibraltar iris).....	do.....	2			Calif.*
<i>Iris sindjarensis</i> (aleppo iris).....	do.....			2	N. J.
<i>Iris xiphoides</i> (English iris).....	do.....			1	N. J.
<i>Iris</i> sp.....	England, Netherlands.....			193	N. J.
<i>Tigridia</i> sp.....	Netherlands.....			1	N. J.
<i>Dothiorella gregaria</i> Sacc.:					
<i>Persea americana</i> (avocado).....	Mexico.....	1			Tex.
<i>Clisnoe australis</i> Bitanc. & Jenkins:					
<i>Citrus limon</i> (lemon).....	Argentina, Brazil, Paraguay.....		5		Mass., N. Y., Pa., Tex., Va.
<i>Citrus sinensis</i> (orange).....	Argentina, Brazil.....		7		Fla.,* Md., Mass., Pa.
<i>Citrus</i> sp.....	Brazil.....		1		Fla.*
<i>Clisnoe phaseoli</i> Jenkins:					
<i>Phaseolus lunatus macrocarpus</i> (lima bean).....	Puerto Rico.....	2			N. Y.
<i>Clisnoe piri</i> (Woron.) Jenkins:					
<i>Malus sylvestris</i> (apple).....	Union of Soviet Socialist Republics.....		1		N. Y.
<i>Epicoccum nigrum</i> Lk.:					
<i>Capsicum frutescens</i> (pepper).....	Mexico.....	1			Ariz.
<i>Ezrobasidium vaccinii</i> (Fekl.) Woron.:					
<i>Rhododendron</i> sp.....	Netherlands.....			1	N. J.

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<i>Fusarium oxysporum</i> Schlecht.:					
<i>Crocus</i> sp.	do			1	N. Y.
<i>Gladiolus</i> sp.	do			3	N. J., N. Y.
<i>Ipomoea batatas</i> (sweetpotato) ..	Mexico	1			Tex.
<i>Narcissus</i> sp.	Netherlands	1		150	Mass., Mich., N. Y., Pa., S. C., Va.
<i>Fusicladium eriobotryae</i> Cav.:					
<i>Eriobotrya japonica</i> (loquat) ..	Portugal	1	1		N. Y., Pa.
<i>Fusicladium pyracanthae</i> (Oth.) Rostr.:					
<i>Pyracantha coccinea</i> (scarlet firethorn) ..	Netherlands			1	N. J.
<i>Pyracantha</i> sp.	do			1	N. J.
<i>Fusicoccum cinctum</i> Sacc. & Roum.:					
<i>Castanea</i> sp. (chestnut) ..	Italy	1			Mo.
<i>Fusicoccum galericulatum</i> Sacc.:					
<i>Fagus sylvatica</i> (European beech) ..	Netherlands			1	N. J.
<i>Gliomastix convoluta</i> (Harz) Mason:					
<i>Colocasia esculenta</i> (taro) ..	China	1			Calif.*
<i>Eleocharis dulcis</i> (waternut) ..	do	1			Calif.*
<i>Oryza sativa</i> (rice) ..	Japan		1		Calif.*
<i>Zingiber officinale</i> (ginger) ..	China	10			Calif.*
<i>Gloeosporium cinnamomi</i> (P. Henn.) Died.:					
<i>Cinnamomum</i> sp. (cinnamon) ..	Dominica	1			N. Y.
<i>Gloeosporium fructigenum</i> Berk.					
<i>Cydonia oblonga</i> (quince) ..	Mexico	1			Tex.
<i>Gloeosporium leguminum</i> (Cke.) Sacc.:					
<i>Prosopis chilensis</i> (mesquite) ..	Dominican Republic	1			P. R.
<i>Gloeosporium olivarium</i> Alm.:					
<i>Olea europaea</i> (olive) ..	Italy	2			N. Y.
<i>Gloeosporium phacidiellum</i> Grove:					
<i>Prunus laurocerasus</i> (laurel cherry) ..	Netherlands			1	N. J.
<i>Gloeosporium piperatum</i> Ell. & Ev.:					
<i>Capsicum frutescens</i> (pepper) ..	Brazil		1		N. Y.
<i>Gloeosporium rhododendri</i> Briosi & Cav. (?):					
<i>Rhododendron</i> sp.	England			1	N. J.
<i>Gloeosporium sansevieriae</i> Verwoerd & du Plessis:					
<i>Sansevieria</i> sp.	Bermuda			1	Md.
<i>Gloniopsis levantica</i> Rehm:					
<i>Rhododendron</i> sp.	Netherlands			1	N. J.
<i>Helminthosporium carposaprum</i> Pollack:					
<i>Capsicum frutescens</i> (pepper) ..	Mexico		1		Tex.
<i>Lycopersicon esculentum</i> (tomato) ..	do	1	1		Tex.
<i>Helminthosporium oryzae</i> Breda de Haan:					
<i>Oryza sativa</i> (rice) ..	Japan	1			Ohio.
<i>Hemileia oncidii</i> Griff. & Maub.:					
<i>Oncidium varicosum rogersi</i> (orchid) ..	Brazil			1	N. J.
<i>Oncidium</i> sp.	Trinidad			1	N. J.
<i>Heterodera marioni</i> (Cornu) Goodey:					
<i>Polianthus tuberosa</i> (tuberose) ..	Mexico	1			Tex.
Vine roots on returned war equipment ..	Okinawa	1			Calif.*
<i>Heteropatella vattelinensis</i> (Trav.) Wr.:					
<i>Dianthus</i> sp. (carnation) ..	Canada			1	Wash.
<i>Heterosporium variabile</i> Cke.:					
<i>Rhododendron</i> sp.	Netherlands			1	N. J.
<i>Hormodendron cladosporioides</i> (Fres.) Sacc.:					
<i>Capsicum frutescens</i> (pepper) ..	Mexico	5			Ariz.
<i>Lycopersicon esculentum</i> (tomato) ..	France		1		Tex.
<i>Leptosphaeria heterospora</i> (De N.) Niessl:					
<i>Iris tenorii</i> ..	Netherlands			1	N. J.
<i>Leptosphaeria rusci</i> (Wallr.) Sacc.:					
<i>Ruscus</i> sp.	Italy	1		1	N. Y., Pa.
<i>Leptothyrium pomi</i> (Mont. & Fr.) Saec.:					
<i>Malus sylvestris</i> (apple) ..	France, Spain, Union of Soviet Socialist Re- publics.	2	1		N. Y.
<i>Lophodermium juniperinum</i> (Fr.) De N.:					
<i>Juniperus</i> sp. (juniper) ..	Netherlands			2	N. J.
<i>Macrophoma cattleyicola</i> P. Henn.:					
<i>Cattleya trianae</i> (orchid) ..	Colombia			1	Calif.*
<i>Cattleya</i> sp.	Venezuela			1	Pa.
<i>Macrophoma musae</i> (Cke.) Berl. & Vogl.:					
<i>Musa paradisiaca</i> (plantain) ..	Dominican Republic	1			N. Y.

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		Consumption	Nonentry	Propagation	
<i>Peromomina phaseoli</i> (Maub.) Ashby:					
<i>Daucus carota</i> (carrot)	Cuba		1		Tex.
<i>Ipomoea batatas</i> (sweetpotato)	Mexico		1		Tex.
<i>Juglans regia</i> (Persian walnut)	Italy	1			N. Y.
<i>Juglans</i> sp. (walnut)	Morocco	1			N. Y.
<i>Castanea sp.</i> (chestnut)	Italy	2			Ill.
<i>Cymbidium mastersi</i> (orchid)	India			1	Calif.*
<i>Pueraria thumbergiana</i> (kudzu-bean)	China	1			Calif.*
<i>Zingiber officinale</i> (ginger)	do	5			Calif.*
<i>Emmonsiella echinata</i> (Rivolta) L. O. Gall.					
<i>Odontoglossum</i> sp. (orchid)	Mexico			1	Tex.
<i>Solanum tuberosum</i> (potato)	do		1		Tex.
<i>Malus sylvestris</i> (apple)	Sweden		1		Tex.
<i>Malus lara</i> (Aderh. & Ruhl.) Honey:					
<i>Prunus cerasifera</i> (?) (Myrobalan plum)	New Zealand		1		Hawaii.
<i>Prunus</i> sp. (cherry)	England	1			N. Y.
<i>Orzya sativa</i> (rice)	China, Japan	5	3		Calif.*
<i>Punica granatum</i> (pomegranate)	Puerto Rico	1			N. Y.
<i>Pisum sativum</i> (pea)	Portugal		1		Pa.
<i>Rhododendron</i> sp.	Netherlands			5	N. J.
<i>Rosa</i> sp. (rose)	Bermuda			1	Md.
<i>Capricornium roridum</i> Tode ex Fr.					
<i>Capsicum frutescens</i> (pepper)	Mexico	1			Tex.
<i>Lycopersicon esculentum</i> (tomato)	do	1			Tex.
<i>Acer</i> sp.	Netherlands			1	N. J.
<i>Deutzia</i> sp.	Norway			1	N. Y.
<i>Magnolia</i> sp.	Netherlands			1	N. J.
<i>Oryza sativa</i> (rice)	India	1			Pa.
<i>Oryza sphaerica</i> (Sacc.) Mason:	China	4			Calif.*
<i>Oryza sativa</i> (rice)					
<i>Phalita flava</i> (Cke.) Maub. & Rangel:	Mexico	9			N. Y., Tex.
<i>Gardenia augusta</i> (gardenia)					
<i>Agrostis rigidus</i> (A. Schneid.) Thorne (?)	Netherlands		1		Tex.
<i>Solanum tuberosum</i> (potato)					
<i>Bambusa sphaerosperma</i> (Fr.) Hoehn.	Malaysia			1	N. Y.
<i>Begonia</i> sp.	Netherlands			1	N. J.
<i>Anthurium sanguineum</i>	Guatemala			1	Calif.*
<i>Anthurium banksiana</i> Cav. (?)	New Zealand			1	Calif.*
<i>Anthurium collina</i>					
<i>Anthurium conspicua</i> Servazzi:	Colombia			1	Fla.
<i>Cattleya</i> sp. (orchid)	India			1	Calif.*
<i>Cymbidium devonianum</i> (orchid)	Costa Rica, Honduras			2	Tex., Wash.
<i>Orchid</i>	Mexico			1	Tex.
<i>Stanhopea</i> sp. (orchid)					
<i>Camellia</i> sp.	Azores			1	Pa.
<i>Musa paradisiaca sapientum</i> (banana)	Netherlands, Guiana		1		Pa.
<i>Macrotrocha</i> Kleb.					
<i>Rhododendron racemosum</i>	Netherlands			1	N. J.
<i>Rhododendron</i> sp.	do			4	N. J., Wash.
<i>Rhododendron</i> sp.					
<i>Humulus</i> sp.	England			1	N. J.
<i>Rhododendron indicum</i> (indica azalea)	Belgium			1	N. J.
<i>Rhododendron</i> sp.	Netherlands			3	N. J.

List of pests (diseases) collected and reported from July 1, 1947, to June 30, 1948
inclusive—Continued

[An asterisk indicates State inspection]

Disease and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
<i>Phacidium tsugae</i> Cash & Davidson: <i>Tsuga</i> sp. (hemlock).....	Canada.....			1	N. Y.
<i>Phoma citricarpa</i> McAlp.: <i>Citrus limon</i> (lemon).....	Australia, New Zealand.....		3		Calif.*; Mas.
<i>Citrus paradisi</i> (grapefruit).....	Australia.....		1		Calif.*
<i>Citrus reticulata</i> (Mandarin orange).....	China.....	17			Calif.*
<i>Citrus sinensis</i> (orange).....	Australia, China, Spain, Union of South Africa (?).....	6	6		Calif.*; Mas. N. Y., Tex.
<i>Citrus</i> sp. (Mandarin-type orange).....	India.....		1		N. Y.
<i>Citrus</i> sp.....	China.....	1			N. Y.
<i>Phoma incarceration</i> (Nits.) Sacc.: <i>Rosa</i> sp. (rose).....	Germany.....			1	N. J.
<i>Phomopsis alnea</i> Hoehn.: <i>Alnus incana pinnatifartita</i>	Finland.....			1	N. J.
<i>Phomopsis cinerascens</i> Trav.: <i>Ficus</i> sp.....	Greece.....			1	N. Y.
<i>Phomopsis corni</i> Trav. (?): <i>Cornus</i> sp.....	Canada.....			1	N. J.
<i>Phomopsis depressa</i> Trav. (?): <i>Syringa</i> sp.....	Netherlands.....			1	N. J.
<i>Phomopsis magnoliae</i> Diedl.: <i>Magnolia soulangeana</i> (saucer magnolia).....	do.....			1	N. J.
<i>Magnolia</i> sp.....	do.....			1	N. J.
<i>Phomopsis magnoliicola</i> Diedl.: <i>Magnolia</i> sp.....	do.....			3	N. J.
<i>Phomopsis tineae</i> (Sacc.) Hoehn.: <i>Viburnum</i> sp.....	do.....			1	N. J.
<i>Phomopsis vexans</i> (Sacc. & Syd.) Harter: <i>Solanum melongena</i> (eggplant).....	Mexico.....		1		Tex.
<i>Phyllachora balansae</i> Speg.: <i>Cedrela</i> sp.....	Panama.....	1			N. Y.
<i>Phyllachora cynodontis</i> (Sacc.) Niessl: <i>Cynodon dactylon</i> (Bermuda grass).....	India.....		1		Mass.
<i>Phyllachora engleri</i> Speg.: <i>Anthurium</i> sp.....	Costa Rica.....		1		Fla.
<i>Phyllosticta camelliae</i> West.: <i>Camellia</i> sp.....	Netherlands.....			1	N. J.
<i>Phyllosticta cymbidii</i> Verpl.: <i>Cymbidium</i> sp. (orchid).....	Japan.....			1	Hawaii.
<i>Phyllosticta laeliae</i> Keissl.: <i>Cymbidium</i> sp. (orchid).....	England.....			1	Calif.*
Orchid.....	Mexico.....			2	Ariz., Tex.
<i>Phyllosticta limbalis</i> Pers.: <i>Buzus</i> sp.....	Netherlands.....			2	N. J.
<i>Phyllosticta maculiformis</i> Sacc.: <i>Castanea sativa</i> (chestnut).....	Italy.....			1	N. Y.
<i>Phyllosticta odontoglossi</i> Verpl. & Claess.: <i>Stanhoepa wardii</i> (orchid).....	Panama.....			1	Fla.
<i>Stanhoepa</i> sp.....	Costa Rica.....			1	Fla.
<i>Phyllosticta sorghina</i> Sacc.: <i>Sorghum vulgare</i> (sorghum).....	Liberia.....			1	D. C.
<i>Physalospora camptospora</i> Sacc.: <i>Laelia purpurata</i> (orchid).....	Brazil.....			1	Tex.
<i>Laelia</i> sp.....	Mexico.....			2	Tex.
<i>Physalospora obtusa</i> (Schw.) Cke.: <i>Pyrus communis</i> (pear).....	Argentina.....	1			N. Y.
<i>Physalospora orchidearum</i> P. Henn.: <i>Cymbidium</i> sp. (orchid).....	India.....			1	N. J.
<i>Cypripedium</i> sp. (orchid).....	do.....			1	N. J.
Orchid.....	do.....			1	N. J.
<i>Physalospora peribambusina</i> Rehm: Bamboo.....	do.....	1			N. Y.
<i>Physalospora wildemaniana</i> Sacc. (?): <i>Trichopilia tortilis</i> (orchid).....	Mexico.....			1	Calif.*
<i>Physopella fici</i> (Cast.) Arth.: <i>Ficus carica</i> (fig).....	do.....		1	1	Tex.
<i>Phytophthora citrophthora</i> (E. H. & R. E. Sm.) Leonian: <i>Cucurbita</i> sp. (squash).....	do.....	1			Tex.
<i>Phytophthora phaseoli</i> Thaxt.: <i>Phaseolus vulgaris</i> var. (string bean).....	do.....	1			Tex.

List of pests (diseases) collected and reported from July 1, 1947, to June 30, 1948,
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Disease and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
<i>Phytophthora cupressina</i> (Fr.) Fekl.: <i>Juniperus</i> sp.	Netherlands			1	N. J. ^a
<i>Plasmodiophora brassicae</i> Wor.: <i>Brassica rapa</i> (turnip)	do		1		Tex.
<i>Neospora gilletiana</i> Sacc.: <i>Ulex europaeus</i> (gorse)	Ireland			1	Mass.
<i>Neospora herbarum</i> (Pers.) Rab.: <i>Fraxinus excelsior</i> (European ash)	Italy	1			N. Y.
<i>Nowrightia virgultorum</i> (Fr.) Sacc.: <i>Betula pendula</i> (European white birch)	Sweden		1		Mass.
<i>Polyporus sanguineus</i> Fr.: Wood—truck body	Philippines	1			Calif.*
<i>Stratylenchus scribneri</i> Steiner: <i>Solanum tuberosum</i> (potato)	Mexico	1			Tex.
<i>Pseudomonas fabae</i> (Yu) Breed: <i>Vicia faba</i> (broadbean)	India			1	D. C.
<i>Pseudomonas marginata</i> (McCull.) Stapp: <i>Crocus</i> sp.	Netherlands			1	N. Y.
<i>Gladiolus</i> sp.: <i>Pseudomonas savastanoi</i> (E. F. Sm.) F. L. Stevens:	Azores, Guatemala	1		1	N. J., Tex.
<i>Olea europaea</i> (olive)	Azores	1			Mass.
<i>Pseudomonas seminum</i> Cayley: <i>Pisum sativum</i> (pea)	Portugal		2		Pa.
<i>Pseudomonas viciae</i> Uyeda: <i>Vicia faba</i> (broadbean)	India			1	D. C.
<i>Puccinia longicornis</i> Pat. & Hariot: Bamboo	China	1			N. Y.
<i>Puccinia magnusiana</i> Koern.: <i>Phragmites communis</i> (reed)	Italy	1			N. Y.
<i>Puccinia melanocephala</i> Syd.: Bamboo	India			1	Mass.
<i>Puccinia ornithogalli-thyrsoideis</i> Diet.: <i>Ornithogalum thyrsoideis</i> (chinkerlichee)	Union of South Africa	2			Md., Mass.
<i>Puccinia phragmitis</i> (Schum.) Koern.: <i>Phragmites communis</i> (reed)	Italy			1	Pa.
<i>Puccinia rubigo-vera secalis</i> (Eriks.) Carlton: <i>Secale cereale</i> (rye)	Tunisia	1			Tex.
<i>Puccinia stakmanii</i> Presley: <i>Gossypium</i> sp. (cotton)	Mexico	1			Ariz.
<i>Pyrenopeziza lauri-cerasi</i> (Desm.) Nannf.: <i>Prunus laurocerasus</i> (English cherry-laurel)	Netherlands			3	N. J.
<i>Aspenelia siliquae</i> Long: <i>Acacia farnesiana</i>	Mexico	1			Tex.
<i>Sclerotinia kernerii</i> Wettst.: <i>Abies alba</i> (silver fir)	Germany	1			Pa.
<i>Sclerotinia minor</i> Jagger: <i>Cichorium endivia</i> (endive)	Belgium	3			N. Y.
<i>Sclerotopsis concava</i> (Desm.) Shear & Dodge: <i>Hydrangea petiolaris</i> (climbing hydrangea)	Netherlands			1	N. J.
<i>Sclerotium cepivorum</i> Berk.: <i>Allium sativum</i> (garlic)	Italy			1	Pa.
<i>Sclerotium delphinii</i> Welch: <i>Lilium</i> sp. (lily)	Netherlands			2	N. Y.
<i>Sclerotium oryzae</i> Catt.: <i>Oryza sativa</i> (rice)	China, Japan	1	3		Calif.,* D. C.
<i>Asporia arethusa</i> Penz.: <i>Citrus limon</i> (lemon)	Argentina			1	Mass.
<i>Asporia azaleae</i> Vogl.: <i>Rhododendron</i> sp.	Belgium, Netherlands			10	N. J., Wash.
<i>Asporia cercosporoides</i> Trail: <i>Chrysanthemum</i> sp.	Mexico	1			Tex.
<i>Asporia dianthi</i> Desm. (?): <i>Dianthus</i> sp.	New Zealand			1	Calif.*
<i>Asporia nodorum</i> Berk.: <i>Triticum aestivum</i> (wheat)	England	1			Kans.
<i>Asporia pisi</i> West.: <i>Pisum sativum</i> (pea)	Spain			1	Pa.

List of pests (diseases) collected and reported from July 1, 1947, to June 30, 1948, inclusive—Continued

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Disease and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
<i>Septoria posekensis</i> Sacc.:					
<i>Cymbidium devonianum</i> (orchid)	India			5	Calif.*
<i>Cymbidium whiteae</i>	do			5	Calif.*
<i>Cymbidium</i> sp.	do			1	Calif.*
<i>Cypripedium fairleanum</i> (orchid)	do			5	Calif.,* N. J.
<i>Cypripedium insignis</i>	do			3	Calif.*
<i>Septoria vincae</i> Desm.:					
<i>Vinca minor</i> (periwinkle)	Netherlands			1	N. J.
<i>Sphaceloma faucentii</i> Bitanc. & Jenkins var. <i>scabiosa</i> (McAlp. & Tryon) Jenkins:					
<i>Citrus limon</i> (lemon)	Australia		1		Mass.
<i>Sphacelotheca trachypogonis</i> Zundel:					
<i>Trachypogon montufari</i> (crinkleawn)	Brazil			1	D. C.
<i>Sphaeropsis ellisii</i> Sacc.:					
<i>Pinus</i> sp. (pine)	Italy	1			Pa.
<i>Sphaeropsis malorum</i> Pk.:					
<i>Salix alba vittelina</i> (yellowstem white willow)	Union of Soviet Socialist Republics			1	D. C.
<i>Salix</i> sp.	Argentina		1		Pa.
<i>Sphaeropsis salicicola</i> Pass.:					
Wood	Portugal	1			Pa.
<i>Sphenospora kevorkianii</i> Linder:					
<i>Stanhopea</i> (?) sp. (orchid)	Ecuador			1	Tex.
<i>Stachybotrys subsimpler</i> Cke.:					
<i>Brassica rapa</i> (turnip)	Australia		1		Calif.*
<i>Stachyidium theobromae</i> Turc.:					
<i>Musa paradisiaca</i> (plantain)	Costa Rica, Cuba, 11 Honduras.				N. Y.
<i>Musa paradisiaca sapientum</i> (banana)	Canal Zone, Costa Rica, Ecuador, Guatemala, Haiti, Honduras, Mexico, Panama, St. Lucia.	32	2		Calif.,* N. Y., Wash.
<i>Stagonospora curtisii</i> (Berk.) Sacc. (?):					
<i>Narcissus</i> sp.	Australia			1	Calif.*
<i>Stagonospora ilicis</i> Grove:					
<i>Ilex aquifolium</i> (English holly)	England			1	N. Y.
<i>Stemphylium botryosum</i> Wallr.:					
<i>Allium porrum</i> (leek)	France		1		Pa.
<i>Cucumis melo</i> var. honeydew	Chile	1			N. Y.
<i>Dianthus</i> sp. (carnation)	Mexico	1			Tex.
<i>Lycopersicon esculentum</i> (tomato)	Canary Islands, Morocco	2	1		N. Y.
<i>Pennisetum</i> sp.	Pretoria			1	D. C.
<i>Pittosporum</i> sp.	Bermuda			1	Md.
<i>Stemphylium ilicis</i> Tengwall:					
<i>Capsicum frutescens</i> (pepper)	Mexico	4			Ariz., Tex.
<i>Hyacinthus</i> sp.	Netherlands			4	N. Y., Pa., Tex.
<i>Muscari</i> sp.	do			2	Pa., S. C.
<i>Stereum fasciatum</i> Schw.:					
Orchid	Mexico			1	Tex.
<i>Stevensenia wrightii</i> (Stevens) Trott.:					
Cactus	do			1	Tex.
<i>Stilbum incarnatum</i> Wakk.:					
<i>Colocasia esculenta</i> (dasheen)	China	1			Calif.*
<i>Eleocharis dulcis</i> (waternut)	do	2			Calif.*
<i>Nymphaea</i> sp. (waterlily)	do	1			N. Y.
<i>Trapa natans</i> (waterchestnut)	do	1			Calif.*
<i>Zingiber officinale</i> (ginger)	do	1			Calif.*
<i>Thecopsora areolata</i> (Fr.) Magn.:					
<i>Prunus padus</i> ("bird" cherry)	Finland			1	Wash.
<i>Thielaviopsis basicola</i> (Berk. & Br.) Ferr.:					
<i>Begonia</i> sp.	Belgium, France, Netherlands.			3	N. J., N. Y.
<i>Sinningia</i> sp. (gloxinia)	Belgium, Netherlands.			12	N. J., N. Y., Pa.
<i>Tilletia rugispora</i> Ell. & Gall.:					
<i>Paspalum</i> sp.	Brazil			2	D. C.
"Tomato pox":					
<i>Lycopersicon esculentum</i> (tomato)	Mexico	14			Tex.
<i>Tranzschelia pruni-spinosae</i> (Pers.) Diet.:					
<i>Prunus persica</i> (peach)	do	1			Tex.
<i>Prunus</i> spp.	do	1			La,

List of pests (insects) collected and reported from July 1, 1947 to June 30, 1948,
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Insect and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
<i>Triposporium stelligerum</i> Speg.: <i>Gardenia augusta</i> (gardenia).....	Mexico.....	1			Tex.
<i>Trochila ilicis</i> (Chev. ex Fr.) Crouan: <i>Ilex aquifolium</i> (English holly).....	British Columbia.....	1			Mich.
<i>Tubercularia vulgaris</i> Tode ex Fr.: <i>Sorbus</i> sp.....	Netherlands.....			1	N. J.
<i>Uredo behnickiana</i> P. Henn.: <i>Laelia anceps</i> (orchid).....	Mexico.....			1	Tex.
<i>Laelia gouldiana</i>	do.....			1	Tex.
<i>Uredo epidendri</i> P. Henn.: <i>Epidendrum anceps</i> or <i>E. rigidum</i> (orchid).....	do.....			1	Tex.
<i>Oncidium</i> (?) sp. (orchid).....	Honduras.....			1	Fla.
<i>Uredo guacae</i> Mayor: <i>Cattleya</i> (?) sp. (orchid).....	Venezuela.....			1	P. R.
<i>Stanhopea graveolens</i> (orchid).....	Brazil.....			1	Calif.*
<i>Stanhopea</i> sp.....	Mexico, Peru.....			2	P. R., Tex.
<i>Uredo ignava</i> Arth.: <i>Bambusa vulgaris</i> (bamboo).....	Unknown.....	1			N. Y.
<i>Bambusa</i> sp. (bamboo).....	China.....			1	D. C.
<i>Uredo oncidii</i> P. Henn.: <i>Oncidium</i> sp. (orchid).....	Mexico.....			3	Tex.
<i>Uredo scabies</i> Cke.: <i>Vanilla planifolia</i> (orchid).....	Nicaragua.....			1	D. C.
<i>Vanilla pompona</i>	Canal Zone.....			1	N. J.
<i>Vanilla</i> sp.....	Nicaragua.....			1	Fla.
<i>Urocystis colchici</i> (Schlecht.) Rab.: <i>Colchicum autumnale</i> (autumn-crocus).....	Netherlands.....			10	N. J.
<i>Colchicum bornmuelleri</i> (bornmueller autumn-crocus). <i>Colchicum</i> sp.....	do.....			1	N. J.
<i>Urocystis occulata</i> (Wallr.) Rab.: <i>Secale cereale</i> (rye).....	England, Netherlands.....			10	N. J.
<i>Uromyces alcyiae</i> Arth.: <i>Alcyria olivaeformis</i>	Tunisia.....	1			Tex.
<i>Uromyces baeumerianus</i> Bub.: <i>Melilotus messanensis</i>	Hawaii.....	1			Calif.*
<i>Uromyces dolicholii</i> Arth.: <i>Cajanus cajan</i> (pigeonpea).....	Egypt.....			1	N. Y.
<i>Uromyces fabae</i> (Pers.) DBy.: <i>Vicia</i> sp.....	Puerto Rico.....	1			N. Y.
<i>Uromyces striatus</i> Schroet. var. <i>medicaginis</i> (Pass.) Arth.: <i>Medicago sativa</i> (alfalfa).....	Greece, Netherlands.....	2			Fla.*, N. Y.
<i>Ustilago kenjiana</i> Ito (?): <i>Sorghum vulgare</i> (sorghum).....	Argentina, Mexico.....	1	1		N. Y., Tex.
<i>Venturia pyrina</i> Aderh.: <i>Cydonia oblonga</i> (quince).....	Arabia.....			1	D. C.
<i>Vermicularia dematium</i> Fr.: <i>Amaryllis</i> sp.....	Italy.....	1			N. Y.
<i>Lycopersicon esculentum</i> (tomato).....	Azores.....			1	Mass.
<i>Verticillidochium tubercularioides</i> (Speg.) Bub.: <i>Daucus carota</i> (carrot).....	Mexico.....	1			Tex.
<i>Verticillium buxi</i> Auers. & Fleisch.: <i>Buxus</i> sp.....	Sweden.....			1	Tex.
<i>Xanthomonas citri</i> (Hasse) Dowson: <i>Citrus aurantifolia</i> (sour lime).....	Netherlands.....			1	N. J.
<i>Citrus paradisi</i> (grapefruit).....	India.....			5	Md., Mass., N. Y., Calif.*
<i>Xanthomonas hyacinthi</i> (Wakk.) Dowson: <i>Hyacinthus</i> sp.....	Philippines.....			1	Calif.*
	Netherlands.....			4	Mich., N. Y., S. C.

Hosts and diseases

ABIES:

Sclerotinia kernerii (Ascomycetes)

ACACIA:

Ravenelia siliquae (Promycetes)

ACER:

Nectria cinnabarina (Ascomycetes)

AERIDES:

Diplodia paraphysaria (Deuteromycetes)

ALLIUM PORRUM:

Stemphylium botryosum (Deuteromycetes)

ALLIUM SATIVUM:

Aphelenchoides ritzema-bosi (Nematoda)

Ditylenchus dipsaci (Nematoda)

Sclerotium cepivorum (Deuteromycetes)

ALNUS:

Phomopsis alnea (Deuteromycetes)

ALYXIA:

Uromyces alyziae (Promycetes)

AMARYLLIS:

Vermicularia dematium (Deuteromycetes)

ANTHURIUM:

Pestalotia anthurii (Deuteromycetes)

Phyllachora engleri (Ascomycetes)

ANTIRRHINUM:

Ascochyta decipiens (Deuteromycetes)

BAMBOO:

Papularia sphaerosperma (Deuteromycetes)

Physalospora peribambusina (Ascomycetes)

Puccinia longicornis (Promycetes)

Puccinia melanocephala (Promycetes)

BAMBUSA:

Cytospora lirella (Deuteromycetes)

Diplodia bambusae (Deuteromycetes)

Uredo ignava (Promycetes)

BANKSIA:

Pestalotia banksiana (?) (Deuteromycetes)

BEGONIA:

Papulaspora magnifica (?) (Deuteromycetes)

Thielaviopsis basicola (Deuteromycetes)

BETULA:

Plowrightia virgultorum (Ascomycetes)

BRASSICA RAPA:

Plasmodiophora brassicae (Myxomycetes)

Stachybotrys sub simplex (Deuteromycetes)

BUXUS:

Phyllosticta limbalis (Deuteromycetes)

Verticillium buxi (Deuteromycetes)

CACTUS:

Diaporthe dubia (?) (Ascomycetes)

Perisporium wrightii (Ascomycetes)

CAJANUS:

Diplodia theobromae (Deuteromycetes)

Uromyces dolicholi (Promycetes)

CAMELLIA:

Pestalotia guepini (Deuteromycetes)

Phyllosticta camelliae (Ascomycetes)

CAPSICUM:

Epicoecum nigrum (Deuteromycetes)

Fusicoccum piperatum (Deuteromycetes)

Helminthosporium carposaprum (Deuteromycetes)

Hormodendron cladosporioides (Deuteromycetes)

Myrothecium rostratum (Deuteromycetes)

Stemphylium ilicis (Deuteromycetes)

CASTANEA:

Cytospora ceratospora (Deuteromycetes)

Fusicoccum cinctum (Deuteromycetes)

Marsonina ochroleuca (Deuteromycetes)

Phyllosticta maculiformis (Deuteromycetes)

CATTLEA:

Dendryphium toruloides var. *taurinese* (Deuteromycetes)

Diplodia paraphysaria (Deuteromycetes)

Macrophoma cattleyicola (Deuteromycetes)

Pestalotia conspicua (Deuteromycetes)

Uredo guacae (Promycetes)

CEDRELA:

Phyllachora balansae (Ascomycetes)

CHRYSANTHEMUM:

Septoria cercosporoides (Deuteromycetes)

CICHORIUM:

Ascochyta cichorii (Deuteromycetes)

Sclerotinia minor (Ascomycetes)

CINNAMOMUM:

Gloeosporium cinnamoni (Deuteromycetes)

CITRUS AURANTIFOLIA:

Xanthomonas citri (Schizomycetes)

CITRUS LIMON:

Elsinoe australis (Ascomycetes)

Phoma citricarpa (Deuteromycetes)

Septoria arethusa (Deuteromycetes)

Sphaeloma fawcettii var. *scabiosa* (Deuteromycetes)

CITRUS PARADISI:

Phoma citricarpa (Deuteromycetes)

Xanthomonas citri (Schizomycetes)

CITRUS RETICULATA:

Phoma citricarpa (Deuteromycetes)

CITRUS SINENSIS:

Alternaria citri (Deuteromycetes)

Ascochyta citri (Deuteromycetes)

Elsinoe australis (Ascomycetes)

Phoma citricarpa (Deuteromycetes)

CITRUS SP.:

Ascochyta citri (Deuteromycetes)

Elsinoe australis (Ascomycetes)

Phoma citricarpa (Deuteromycetes)

COLCHICUM:

Ditylenchus dipsaci (Nematoda)

Ditylenchus iridis (Nematoda)

Urocystis colchici (Promycetes)

COLOCASIA:

Aphelenchoides bicaudatus (Nematoda)

Gliomastix convoluta (Deuteromycetes)

Stilbum incarnatum (Deuteromycetes)

CORNUS:

Phomopsis corni (Deuteromycetes)

CROCUS:

Ditylenchus iridis (Nematoda)

Fusarium bulbigenum (Deuteromycetes)

Pseudomonas marginata (Schizomycetes)

CUCUMIS:

Stemphylium botryosum (Deuteromycetes)

CUCURBITA:

Phytophthora citrophthora (Phycomycetes)

CYDONIA:

Gloeosporium fructigenum (Deuteromycetes)

Venturia pyrina (Ascomycetes)

CYMBIDIUM:

Melanospora zamiae (Ascomycetes)

Pestalotia conspicua (Deuteromycetes)

Phyllosticta cymbidii (Deuteromycetes)

Phyllosticta laeliae (Deuteromycetes)

Physalospora orchidearum (Ascomycetes)

Septoria posekensis (Deuteromycetes)

CYNODON:

Phyllachora cynodontis (Ascomycetes)

CYPRIPEDIUM:

Physalospora orchidearum (Ascomycetes)

Septoria posekensis (Deuteromycetes)

DAHLIA:

Coleosporium dahliae (Promycetes)

DASYLIRION:

Coniothyrium hysteroideum (Deuteromycetes)

DAUCUS:

Macrophoma phascoli (Deuteromycetes)

Verticillidochium tubercularioides (Deuteromycetes)

DENDROBIUM:

Diplodia paraphysaria (Deuteromycetes)

DEUTZIA:

Nectria cinnabarina (Ascomycetes)

DIANTHUS:

Heteropatella tallentinensis (Deuteromycetes)

Septoria dianthi (?) (Deuteromycetes)

Stemphylium botryosum (Deuteromycetes)

ELEOCHARIS:

Gliomastix convoluta (Deuteromycetes)

Stilbum incarnatum (Deuteromycetes)

EPIDENDRUM:

Diplodia paraphysaria (Deuteromycetes)

Uredo epidendri (Promycetes)

ERIOBOTRYA:

Fusicladium eribotryae (Deuteromycetes)

EUCALYPTUS:

Aulographum eucalypti (Ascomycetes)

FAGUS:

Asterosporium hoffmanni (Deuteromycetes)

Fusicoccum galeuculatum (Deuteromycetes)

FICUS:

Phomopsis cinerascens (Deuteromycetes)

Physopella fici (Promycetes)

FRAXINUS:

Ascochyta fraxini (Deuteromycetes)

Pleospora herbarum (Ascomycetes)

Hosts and diseases—Continued

- ALANTHUS:**
Botrytis galanthina (Deuteromycetes)
- ARDENIA:**
Omphalia flavida (Deuteromycetes)
Triposporium stelligerum (Deuteromycetes)
- AULATHERA:**
Ceuthospora lunata (Deuteromycetes)
- ENISTA:**
Coniothyrium genistae (Deuteromycetes)
- GLADIOLUS:**
Botrytis gladiolorum (Deuteromycetes)
Fusarium oxysporum var. *gladioli* (Deuteromycetes)
Pseudomonas marginata (Schizomycetes)
- GOSYPIUM:**
Cercospora gossypina (Deuteromycetes)
Puccinia stakmanii (Promycetes)
- HELLEBORUS:**
Coniothyrium hellebori (Deuteromycetes)
- HIBISCUS:**
Colletotrichum hibisci (?) (Deuteromycetes)
- NUMULUS:**
Pestalotia pezioides (Deuteromycetes)
- HYACINTHUS:**
Stemphylium ilicis (Deuteromycetes)
Xanthomonas hyacinthi (Schizomycetes)
- HYDRANGEA:**
Sclerotopsis concava (Deuteromycetes)
- LEX:**
Stagonospora ilicis (Deuteromycetes)
Trochilia ilicis (Ascomycetes)
- POMOEAE:**
Fusarium oxysporium (Deuteromycetes)
Macrophomina phaseoli (Deuteromycetes)
- RIS:**
Ditylenchus iridis (Nematoda)
Leptospaeria heterospora (Ascomycetes)
- UGLANDS:**
Marsonia juglandis (Deuteromycetes)
- UNIPERUS:**
Lophodermium juniperinum (Ascomycetes)
Pithya cupressina (Ascomycetes)
- LAELIA:**
Phyalospora campiospora (Ascomycetes)
Uredo behnickiana (Promycetes)
- ILIU:**
Aphelenchoides parietinus (Nematoda)
Botrytis elliptica (Deuteromycetes)
Colletotrichum lilii (Deuteromycetes)
Sclerotium delphinii (Deuteromycetes)
- YCOPERSICON:**
Helminthosporium carposaprum (Deuteromycetes)
Hormodendron cladosporioides (Deuteromycetes)
Myrothecium roridum (Deuteromycetes)
Stemphylium botryosum (Deuteromycetes)
 "Tomato pox"
Vermicularia dematium (Deuteromycetes)
- AGNOLIA:**
Nectria cinnabarina (Ascomycetes)
Phomopsis magnoliae (Deuteromycetes)
Phomopsis magnolicola (Deuteromycetes)
- MAHONIA:**
Cumminsia sanguinea (Promycetes)
- MALUS:**
Cytospora ambiens (Deuteromycetes)
Elsinoe piri (Ascomycetes)
Leptothyrium pomi (Deuteromycetes)
Monilinia fructigena (Ascomycetes)
- MANGIFERA:**
Diplodia theobromae (Deuteromycetes)
- MANIHOT:**
Diplodia theobromae (Deuteromycetes)
- MEDICAGO:**
Uromyces striatus var. *medicaginis* (Promycetes)
- MELILOTUS:**
Uromyces baeumerianus (Promycetes)
- MORUS:**
Botryosphaeria ribis (?) (Ascomycetes)
Cytospora atra (Deuteromycetes)
- MUSA PARADISIACA:**
Diplodia theobromae (Deuteromycetes)
Macrophoma musae (Deuteromycetes)
Stachyidium theobromae (Deuteromycetes)
- MUSA PARADISIACA SAPIENTUM:**
Cercospora musae (Deuteromycetes)
Pestalotia leprogena (?) (Deuteromycetes)
Stachyidium theobromae (Deuteromycetes)
- MUSCARI:**
Stemphylium ilicis (Deuteromycetes)
- NARCISSUS:**
Aphelenchoides subtenius (Nematoda)
Ditylenchus dipsaci (Nematoda)
Fusarium bulbigenum (Deuteromycetes)
Stagonospora curtisii (?) (Deuteromycetes)
- NERIUM:**
Cercospora neriella (Deuteromycetes)
- NICOTIANA:**
Cercospora nicotianae (Deuteromycetes)
- NYMPHAEAE:**
Stilbum incarnatum (Deuteromycetes)
- ODONTOGLOSSUM:**
Cercospora angraeci (Deuteromycetes)
Memoniella echinata (Deuteromycetes)
- OLEA:**
Gloeosporium olivarum (Deuteromycetes)
Pseudomonas savastanoi (Schizomycetes)*
- ONCIDIUM:**
Diplodia paraphysaria (Deuteromycetes)
Hemileia oncidii (Promycetes)
Uredo epidendri (Promycetes)
Uredo oncidii (Promycetes)
- ORCHID:**
Pestalotia conspicua (Deuteromycetes)
Phyllosticta laeliae (Deuteromycetes)
Phyalospora orchidearum (Ascomycetes)
Stereum fasciatum (Basidiomycetes)
- ORNITHOGALUM:**
Ditylenchus dipsaci (Nematoda)
Puccinia ornithogali-thyrsoideis (Promycetes)
- ORYZA:**
Gliomastix convoluta (Deuteromycetes)
Helminthosporium oryzae (Deuteromycetes)
Mycosphaerella hondai (Ascomycetes)
Neovossia horrida (Promycetes)
Nigrospora sphaerica (Deuteromycetes)
Sclerotium oryzae (Deuteromycetes)
- PASPALUM:**
Tilletia rugispora (Promycetes)
- PENNISETUM:**
Stemphylium botryosum (Deuteromycetes)
- PERSEA:**
Dothiorella gregaria (Deuteromycetes)
- PHASEOLUS LUNATUS MACROCARPUS:**
Elsinoe phaseoli (Ascomycetes)
- PHASEOLUS VULGARIS** var. (string bean):
Phytophthora phaseoli (Phycomycetes)
- PHRAGMITES:**
Puccinia magnusiana (Promycetes)
Puccinia phragmitis (Promycetes)
- PHYSALIS:**
Cercospora physalicola (Deuteromycetes)
- PINUS:**
Cryptospora longispora (Ascomycetes)
Sphaeropsis ellisii (Deuteromycetes)
- PISUM:**
Ascochyta pisi (Deuteromycetes)
Mycosphaerella pinodes (Ascomycetes)
Pseudomonas seminum (Schizomycetes)
Septoria pisi (Deuteromycetes)
- PITTOSPORUM:**
Stemphylium botryosum (Deuteromycetes)
- POLIANTHUS:**
Heterodera marioni (Nematoda)
- POPULUS:**
Diplodia populina (Deuteromycetes)
- PROSOPIS:**
Gloeosporium leguminum (Deuteromycetes)
- PRUNUS CERASIFERA:**
Monilinia laxa (Deuteromycetes)
- PRUNUS LAUROCERASUS:**
Gloeosporium phacidiellum (Deuteromycetes)
Purenopeziza lauri-cerasi (Ascomycetes)
- PRUNUS PADUS:**
Thecopsora areolata (Deuteromycetes)
- PRUNUS PERSICA:**
Coryneum beijerinckii (Deuteromycetes)
Tranzschelia pruni-spinosae (Promycetes)
- PRUNUS SP.** (cherry):
Monilinia laxa (Deuteromycetes)
- PRUNUS SP.:**
Tranzschelia pruni-spinosae (Promycetes)
- PUERARIA:**
Melanospora zamiae (Ascomycetes)
- PUNICA:**
Mycosphaerella lythracearum (Ascomycetes)

Hosts and diseases—Continued

PYRACANTHA:

Fusicladium pyracanthae (Deuteromycetes)

PYRUS:

Physocladum obtusa (Ascomycetes)

RHODODENDRON:

Cercospora handelii (Deuteromycetes)

Dioscia artoceas (Deuteromycetes)

Exobasidium vaccinii (Basidiomycetes)

Gloeosporium rhododendri (?) (Deuteromycetes)

Glomopsis levantica (Ascomycetes)

Heterosporium variabile (Deuteromycetes)

Mycosphaerella rhododendri (Ascomycetes)

Pestalotia macrotricha (Deuteromycetes)

Pestalotia rhododendri (Deuteromycetes)

Septoria azaleae (Deuteromycetes)

ROSA:

Cercospora rosicola (Deuteromycetes)

Coniothyrium diplodiella (Deuteromycetes)

Mycosphaerella rosigena (Ascomycetes)

Phoma incarcerationis (Deuteromycetes)

RUSCUS:

Leptosphaeria rusci (Ascomycetes)

SALIX:

Cytospora chrysosperma (Deuteromycetes)

Sphaeropsis malorum (Deuteromycetes)

SANSEVIERIA:

Gloeosporium sansevieriae (Deuteromycetes)

SECALE:

Puccinia rubigo-vera secalis (Promycetes)

Urocystis occulata (Promycetes)

SENECIO:

Coleosporium senecionis (Promycetes)

SINNINGIA:

Thielaviopsis basicola (Deuteromycetes)

SOLANUM MELONGENA:

Phomopsis verans (Deuteromycetes)

SOLANUM TUBEROSUM:

Aphelenchus avenae (Nematoda)

Memnoniella echinata (Deuteromycetes)

Panagrolaimus rigidus (?) (Nematoda)

Pratylenchus scribneri (Nematoda)

SORBUS:

Tubercularia vulgaris (Deuteromycetes)

SORGHUM:

Phyllosticta sorghina (Deuteromycetes)

Ustilago kenjana (?) (Promycetes)

STANTHOPEA:

Pestalotia conspiciua (Deuteromycetes)

Phyllosticta odontoglossi (Deuteromycetes)

Sphenospora kevorkianii (Promycetes)

Uredo guacae (Promycetes)

SYRINGA:

Phomopsis depressa (?) (Deuteromycetes)

TIGRIDIA:

Ditylenchus iridis (Nematoda)

TRACHYPOGON:

Sphacelotheca trachypogonis (Promycetes)

TRAPA:

Stilbum incarnatum (Deuteromycetes)

TRICHOPLILIA:

Physocladum wildemaniae (Ascomycetes)

TRITICUM:

Septoria nodorum (Deuteromycetes)

TSUGA:

Phacidium tsugae (Ascomycetes)

ULEX:

Coniothyrium olivaceum (Deuteromycetes)

Pleospora gillettiana (Ascomycetes)

VANILLA:

Colletotrichum vanillae (Deuteromycetes)

Uredo scabies (Promycetes)

VIBURNUM:

Phomopsis tineae (Deuteromycetes)

VICIA:

Pseudomonas fabae (Schizomycetes)

Pseudomonas viciae (Schizomycetes)

Uromyces fabae (Promycetes)

VINCA:

Septoria vincae (Deuteromycetes)

VIOLA:

Cercospora violae (Deuteromycetes)

ZINGIBER:

Gliomastix convoluta (Deuteromycetes)

Melanospora zamiae (Ascomycetes)

Stilbum incarnatum (Deuteromycetes)

ZINNIA:

Cercospora zinniae (Deuteromycetes)

Hosts Unknown

VINE ROOTS:

Aphelenchoides bicaudatus (Nematoda)

Heterodera marioni (Nematoda)

WOOD:

Polyporus sanguineus (Basidiomycetes)

Sphaeropsis salicicola (Deuteromycetes)

Countries of origin and diseases

ARABIA:

Ustilago kenjana (?)

ARGENTINA:

Coleosporium senecionis

Cytospora chrysosperma

Elsinoe australis

Physocladum obtusa

Septoria arethusa

Sphaeropsis malorum

Uromyces striatus var. *medicaginis*

AUSTRALIA:

Aulographum eucalypti

Colletotrichum lili

Phoma citricarpa

Sphaceloma fawcettii var. *scabiosa*

Stachybotrys subsimplex

Stagonospora curtisii (?)

AZORES:

Ascochyta citri

Pestalotia guepini

Pseudomonas marginata

Pseudomonas savastanoi

Vermicularia dematium

BELGIUM:

Ascochyta cichorii

Cercospora handelii

Cumminsia sanguinea

Pestalotia rhododendri

Sclerotinia minor

Septoria azaleae

Thielaviopsis basicola

BERMUDA:

Cercospora neriella

Gloeosporium sansevieriae

Mycosphaerella rosigena

Stemphylium botryosum

BRAZIL:

Diplodia theobromae

Elsinoe australis

Gloeosporium piperatum

Hemileia oenocidii

Physocladum camptospora

Sphacelotheca trachypogonis

Tilletia rugispora

Uredo guacae

BRITISH COLUMBIA:

Trochila ilicis

CANADA:

Cercospora violae

Coniothyrium genistae

Heteropeltella vultellinensis

Phacidium tsugae

Phomopsis corni

CANAL ZONE:

Cercospora musae

Stachytilidium theobromae

Uredo scabies

CANARY ISLANDS:

Stemphylium botryosum

CHILE:

Stemphylium botryosum

Countries of origin and diseases—Continued

- CHINA:
Colletotrichum lilii
Gliomastix convoluta
Melanospora zamiae
Mycosphaerella hondai
Nigrospora sphaerica
Phoma citricarpa
Puccinia longicornis
Sclerotium oryzae
Stilbum incarnatum
Uredo ignava
- COLOMBIA:
Diplodia paraphysaria
Macrophoma cattleyicola
Pestalotia conspicua
- COSTA RICA:
Cercospora musae
Dendryphium toruloides var. *taurinese*
Pestalotia conspicua
Phyllachora engleri
Phyllosticta odontoglossi
Stachylidium theobromae
- CUBA:
Cercospora musae
Cercospora nicotianae
Cercospora rosicola
Colletotrichum vanillae
Diplodia theobromae
Macrophomina phaseoli
Stachylidium theobromae
- CYPRUS:
Aphelenchoides bicaudatus
- DOMINICA:
Cercospora musae
- DOMINICAN REPUBLIC:
Cercospora musae
Gloeosporium leguminum
Macrophoma musae
Stachylidium theobromae
- UTCH GUIANA:
Cercospora musae
Pestalotia leprogena(?)
- CUADOR:
Sphenospora kevorkianii
Stachylidium theobromae
- EGYPT:
Diplodia theobromae
Uromyces baeumerianus
- ENGLAND:
Aphelenchoides parietinus
Ascochyta decipiens
Cercospora angraci
Cytospora ambiens
Ditylenchus dipsaci
Ditylenchus iridis
Gloeosporium rhododendri(?)
Monilinia laxa
Pestalotia pezizoides
Phyllosticta laeliae
Septoria nodorum
Stagonospora ilicis
Urocystis colchici
- FINLAND:
Phomopsis alnea
Thecopsora areolata
- FRANCE:
Aphelenchus avenae
Ascochyta pisi
Cercospora angraci
Coniothyrium diplodiella
Cytospora ceratophora
Hormodendron cladosporioides
Leptothyrium pomi
Stemphylium botryosum
Thielaviopsis basicola
- RENCH GUIANA:
Diplodia paraphysaria
- GERMANY:
Phoma incarcerationa
Sclerotinia kerneri
- GREECE:
Phomopsis cinerascens
Uromyces fabae
- GUAM:
Colletotrichum hibisci(?)
- GUATEMALA:
Cercospora musae
Pestalotia anthurii
Pseudomonas marginata
Stachylidium theobromae
- HAITI:
Stachylidium theobromae
- HAWAII:
Uromyces alysiae
- HONDURAS:
Cercospora musae
Diplodia paraphysaria
Pestalotia conspicua
Stachylidium theobromae
Uredo epidendri
- INDIA:
Colletotrichum lilii
Melanospora zamiae
Neovossia horrida
Pestalotia conspicua
Phoma citricarpa
Phyllachora cynodontis
Physalospora orchidearum
Physalospora peribambusina
Pseudomonas fabae
Pseudomonas viciae
Puccinia melanocephala
Septoria posekensis
Xanthomonas citri
- IRELAND:
Coniothyrium olivaceum
Pleospora gillettiana
- ITALY:
Ascochyta citri
Ascochyta fraxini
Coryneum betjerincki
Fusicoccum cinctum
Gloeosporium olivarium
Leptosphaeria rusci
Marsonina juglandis
Marsonina ochroleuca
Phyllosticta maculiformis
Pleospora herbarum
Puccinia magnusiana
Puccinia phragmitis
Sclerotium cepivorum
Sphaeropsis ellisi
Venturia pyrina
- JAPAN:
Botryosphaeria ribis(?)
Botrytis elliptica
Colletotrichum lilii
Cytospora atra
Gliomastix convoluta
Helminthosporium oryzae
Mycosphaerella hondai
Phyllosticta cymbidii
Sclerotium oryzae
- LIBERIA:
Phyllosticta sorghina
- MALAYSIA:
Papularia sphaerosperma
- MEXICO:
Alternaria citri
Aphelenchoides ritzei
Aphelenchus avenae
Cercospora gossypina
Cercospora musae
Cercospora physalis
Cercospora rosicola
Coleosporium dahliae
Coniothyrium hysteroideum
Cytospora lirella
Diaporthe dubia(?)
Diplodia bambusae
Diplodia paraphysaria
Ditylenchus dipsaci
Dothiorella gregaria
Epicoccum nigrum
Fusarium oxysporium
Gloeosporium fructigenum
Helminthosporium carposaprum
Heterodera marioni
Hormodendron cladosporioides
Macrophomina phaseoli
Memnoniella echinata
Myrothecium rostratum
Omphalia flava

Countries of origin and diseases—Continued

MEXICO—Continued

Perisporium wrightii
Pestalotia conspicua
Phomopsis vezans
Phyllosticta laeliae
Physalospora camptospora
Physalospora wildevaniana (?)
Physopella fici
Phytophthora citrophthora
Phytophthora phaseoli
Pratylenchus scribneri
Puccinia stakmanii
Ravenelia siliquae
Septoria cercosporoides
Stachylidium theobromae
Stemphylium botryosum
Stemphylium ilicis
Stereum fasciatum
 "Tomato pox"
Tranzschelia pruni-spinosae
Triposporium stelligerum
Uredo behnickiana
Uredo epidendri
Uredo guacae
Uredo oncidii
Uromyces striatus var. *medicaginis*
Vermicularia dematium

MOROCCO:

Marsonina juglandis
Stemphylium botryosum

NETHERLANDS:

Aphelenchoides subtenuus
Asterosporium hoffmanni
Botrytis galanthina
Botrytis gladiolorum
Cercospora handelii
Ceuthospora lunata
Coniothyrium hellebori
Cumminsia sanguinea
Discosia artocreas
Ditylenchus dipsaci
Ditylenchus iridis
Exobasidium vaccinii
Fusarium bulbigenum
Fusicladium pyracanthae
Fusicoccum galericulatum
Fusarium oxysporum var. *gladioli*
Gloeosporium phacidiellum
Gloniopsis levantica
Heterosporium variabile
Leptosphaeria heterospora
Lophodermium juniperinum
Mycosphaerella rhododendri
Nectria cinnabarina
Panagrolaimus rigidus (?)
Papulaspora magnifica (?)
Pestalotia macrotricha
Pestalotia rhododendri
Phomopsis depressa (?)
Phomopsis magnoliae
Phomopsis magnolicola
Phomopsis tineae
Phyllosticta camelliae
Phyllosticta limbalis
Pitheia cupressina
Plasmodiophora brassicae
Pseudomonas marginata
Pyrenopeziza lauri-cerasi
Sclerotopsis concava
Sclerotium delphinii
Septoria azaleae
Septoria vincae
Stemphylium ilicis
Thielaviopsis basicola

NETHERLANDS—Continued

Tubercularia vulgaris
Uromyces fabae
Urocystis colchici
Verticillium buxi
Xanthomonas hyacinthi

NEW ZEALAND:

Cryptospora longispora
Monilinia laxa
Pestalotia banksiana (?)
Phoma citricarpa
Septoria dianthi (?)

NICARAGUA:

Cercospora musae
Uredo scabies

NORWAY:

Nectria cinnabarina

OKINAWA:

Aphelenchoides bicaudatus
Heterodera marioni

PANAMA:

Cercospora musae
Diplodia theobromae
Phyllachora balansae
Phyllosticta odontoglossi
Stachylidium theobromae

PARAGUAY:

Elsinoe australis

PERU:

Uredo guacae

PHILIPPINES:

Diplodia paraphysaria
Polyporus sanguineus
Xanthomonas citri

PORTUGAL:

Diplodia populina
Fusicladium eriobotryae
Mycosphaerella pinodes
Pseudomonas seminum
Sphaeropsis salicicola

PRETORIA:

Stemphylium botryosum

PUERTO RICO:

Elsinoe phaseoli
Mycosphaerella lythracearum
Uromyces dolicholi

ST. LUCIA:

Stachylidium theobromae

SPAIN:

Leptothyrium pomi
Phoma citricarpa
Septoria pisi

SWEDEN:

Monilinia fructigena
Plowrightia virgultorum
Verticillidochium tubercularioides

TRINIDAD:

Cercospora zinniae
Hemileia oncidii

TUNISIA:

Puccinia rubigo-vera secalis
Urocystis oculata

UNION OF SOUTH AFRICA:

Phoma citricarpa
Puccinia ornithogalli-thyrsoideae

UNION OF SOVIET SOCIALIST REPUBLICS:

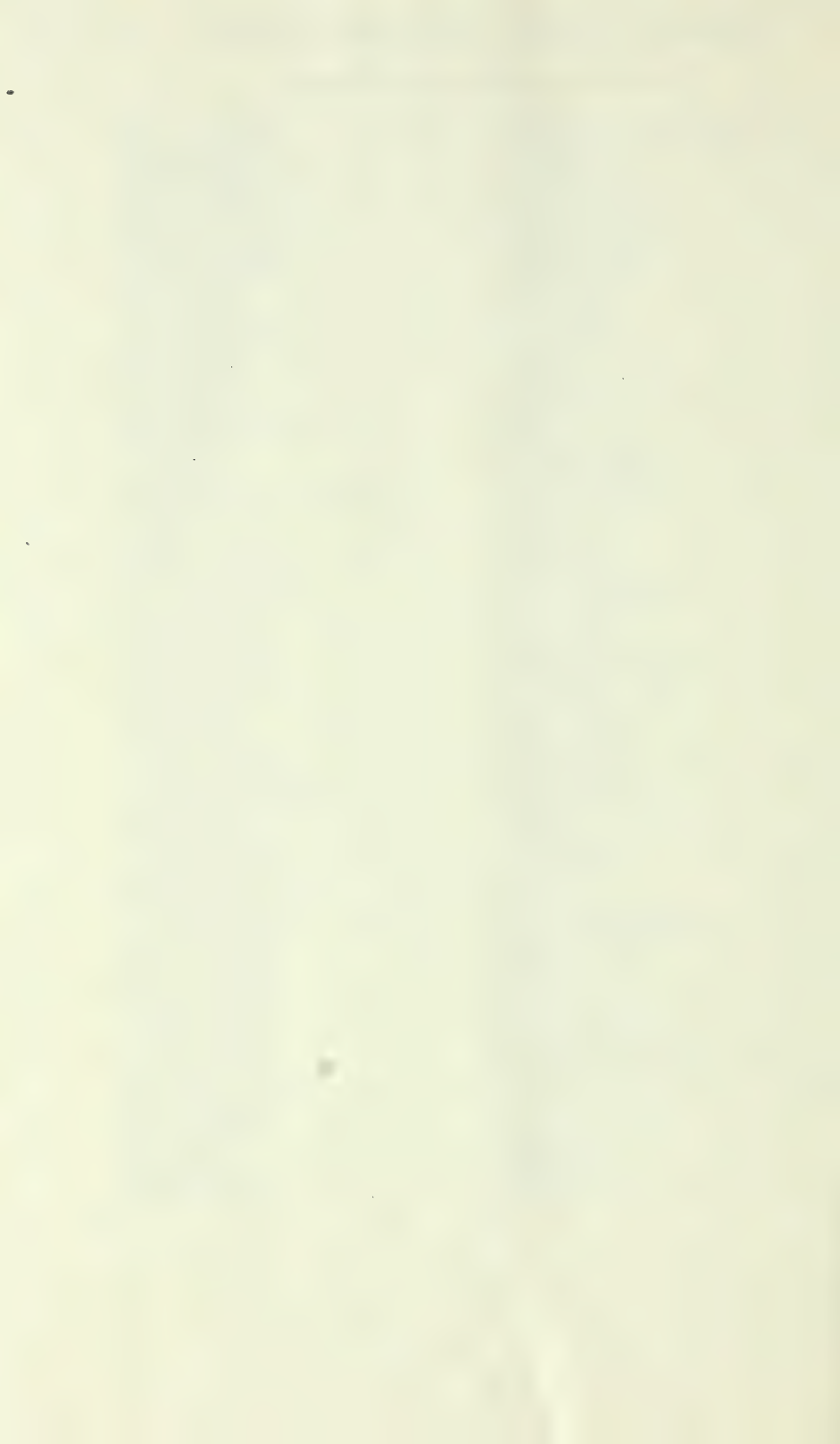
Elsinoe piri
Leptothyrium pomi
Sphaeropsis malorum

UNKNOWN:

Uredo ignava

VENEZUELA:

Macrophoma cattleyicola
Uredo guacae



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AGRICULTURAL RESEARCH ADMINISTRATION BUREAU OF ENTOMOLOGY AND PLANT QUARANTINE SERVICE AND REGULATORY ANNOUNCEMENTS

LIST OF INTERCEPTED PLANT PESTS, 1949¹

List of Pests Recorded During the Period July 1, 1948, to June 30, 1949, Inclusive, as Intercepted in, on, or with Plants and Plant Products Entering United States Territory.)

INTRODUCTION

This report, covering the thirty-sixth year for which interception lists have been issued, summarizes the records of insect pests, plant pathogens, and certain other organisms found in, on, or with plants and plant products (1) imported, (2) offered but refused entry, (3) held as ships' stores, etc., and hence not offered for entry through customs, (4) offered for entry for immediate export or for immediate trans-shipment and exportation in bond, and (5) in domestic shipments between Hawaii and Puerto Rico and the mainland.

In some cases collections made late in the year are included in the report for the following year, since determination cannot be obtained immediately for all of them. Occasionally determinations are delayed for longer periods. The data for this list are obtained from routine reports by personnel of this Bureau, supplemented by information supplied by State and Customs officials. The States of California and Florida maintain staffs of specialists who identify a large proportion of the material collected at their ports. Specialists of the Bureau of Plant Industry, Soils, and Agricultural Engineering determine many of the difficult or unusual pathogens collected at the ports. All scientific names are reviewed by appropriate specialists in the Department to insure conformance to the international rules of nomenclature.

While every reasonable effort is made to give the correct origin for all collections issued, the alleged origin of host plant materials cannot be verified in all cases, and where there is reason to doubt the accuracy of the information, the questionable ones are either omitted or the origin is listed as unknown.

The year covered by this list has seen a lessening of importations of certain types of plant materials, but an increase in others. Air transportation of many perishable plant shipments served to bring plants and their pests to us with a promptness that assured the survival of both. Continual vigilance is necessary to combat such threats to the nation's plant life, and those responsible for the movement of aircraft have continued to assist in carrying out plant quarantine regulations intended to reduce to a minimum the movement of potentially dangerous plant materials.

Compiled by W. H. Wheeler, pathologist, Judith Hunt, plant quarantine aid, and P. C. Peltier, entomologist, Division of Foreign Plant Quarantines.

INTERCEPTIONS FROM AIR-BORNE MATERIAL

Air-borne plant material arrives in mail, baggage, express, stores, and freight, interceptions of plant pests on such importations have been frequent. During year 4,312 interceptions were made of insects arriving by air with agricultural material or as stowaways. There were 342 interceptions of plant diseases. Approximately one-third of the plant-disease organisms were not determinable to species but, from the evidence, appeared to represent little or no risk to this country. A few of the disease organisms specifically identified but not known to be in the United States however, reported to be parasites of their hosts in foreign countries. Some of the most important insects intercepted during the year were from host fruits and plants arriving by plane—a pattern to be expected in the coming years.

Among the more important insects found in air-borne material were: The whitefly *Aleurothrixus myrtacei* (?) on myrtle in cargo from Brazil; *Anastrepha fraterculus* in mango in baggage from the Dominican Republic, Mexico, and Salvador, and *A. fraterculus* (?) in cherimoya in baggage from Chile and in orange in baggage from Puerto Rico; the Mexican fruit fly (*A. ludens*) in *Annona* sp. in baggage from Guatemala, in guava fruit in baggage from Mexico, in mamey in baggage from Guatemala, in mango in baggage from Guatemala and Mexico, in orange in baggage from Costa Rica, Mexico and express from Guatemala, and in pomegranate in baggage from Mexico; the West Indian fruit fly (*A. mombinpraeoptans*) in mango in baggage from Bermuda, the Dominican Republic, Jamaica, Panama, Puerto Rico, and Salvador, in mango in mail from Puerto Rico, and in mango in quarters from Mexico, in guava in baggage from Puerto Rico and Salvador and in guava in mail from Puerto Rico, in yellow mombin in baggage from Puerto Rico, Salvador, and Trinidad, in yellow mombin in quarters from Mexico, in *Spondias* sp. in baggage from Salvador, and in yellow mombin in mail from Puerto Rico; *A. serpentina* in orange in stores from Trinidad, in sapodilla in baggage from Guatemala and Venezuela, in sapote in baggage from Guatemala and Panama, and *A. serpentina* (?) in sapodilla in baggage from the Netherlands West Indies; *A. suspensa* in guava in baggage from Puerto Rico; *Caryedon fusca* in *Cassia javanica* in baggage from Hawaii; the Mediterranean fruit fly (*Ceratitis capitata*) in apricot in baggage from the Cape Verde Islands, in apricot in stores from France, in fig in baggage from the Azores and Italy, in guava in baggage from Palestine, in mango in baggage from Brazil, in medlar in baggage from Italy, in orange in baggage from the Azores, Italy, Portugal, and Spain, in orange in stores from the Azores, Portugal, and Spain, in peach in baggage from France, Italy, Lebanon, Portugal, Spain, and in peach in stores from France, Portugal (?), and Spain, in pear in baggage from Spain and in pear in stores from Portugal, in persimmon in baggage from Italy, in tangerine in baggage from Portugal and in tangerine in stores from Portugal, Spain, and *C. capitata* (?) in apricot in baggage from Syria, in guava in baggage from the Madeira Islands, and in orange in baggage from the Union of South Africa; *Cryptos dactyliperda* in date pits used as food for monkeys in stores from India; *C. formicarius* var. in sweetpotato in cargo from Siam and in sweetpotato in stores from India; adults of the oriental fruit fly (*Dacus dorsalis*) were intercepted 31 times in preflight inspection of airplanes leaving Hawaii for the mainland; preflight interceptions of immature stages of *D. dorsalis* included one in coffee berry, one in guava flowers made into a lei, and one in papaya in baggage from Hawaii; *D. ochrosiae* (the seed of *Ochrosia* sp. in baggage from Guam; the olive fruit fly (*D. oleae*) in olive baggage from Italy and Lebanon; *Epicaerus cognatus* in wild potato in mail from Mexico; the citrus whitefly (*Dialeurodes citri*) on leaf of gardenia in freight from China; the oriental fruit moth (*Grapholitha molesta*) in peach in stores from France; *Kermes bequaerti* in *Juniperus* sp. and pine crates in cargo from Bermuda; the Indian bean pod borer (*Maruca testulalis*) in flower lei made of *Canavalia* sp. in baggage from Hawaii, in lima bean in baggage from Puerto Rico, in pigeonpea and string bean in baggage and mail from Puerto Rico; the pink bollworm (*Pectinophora gossypiella*) in cottonseed in baggage from India and the Virgin Islands, and in cottonseed in cargo from Brazil and Pakistan, in cotton samples (grabbots) in cargo from Brazil, in okra in baggage from Puerto Rico and in okra in mail from the American Virgin Islands; *Polychrosis botrana* in grape in baggage from Italy and in grape in stores from France; *Rhagoletis alternata* in rose hips in baggage from Sweden; *R. cerasi* in cherry in baggage from Germany and Italy, in cherry in stores from Italy and in cherry in quarters from France, and *R. cerasi* (?) in cherry in stores from France and in cherry in quarters from Portugal; *Sesamia cretica* in broomcorn in cargo from France.

The more important plant disease organisms found on air-borne material, believed to be established in the United States, were *Alternaria gypsophylae* on gypsophila in baggage from Brazil, *Elsinoe australis* on sweet orange in stores from Brazil, *E. phaseoli* on lima bean in cargo from Puerto Rico, *E. piri* on apple in baggage from Poland, *Heterodera goettingiana* with soil about roots of strawberry plants in

om Denmark, *H. punctata* with soil about orchid roots in express from England, *T. rostochiensis* with soil about roots of miscellaneous plants in baggage from Germany, *Conilinia fructigena* on apple in stores from the Netherlands, *Phoma citricarpa* on sweet orange in stores from Australia and Canton Island, on mandarin orange in baggage and quarters from China, and on unidentified citrus fruit in baggage from China; *Phyllosticta saccardoi* on rhododendron in air express from England, *Septoria rosekensis* on orchids in cargo from Brazil and Mexico, *Uredo anthurii* on anthurium in express from Guatemala, *U. autumnalis* on chrysanthemum in express from Japan, and *Xanthomonas citri* on sweet orange in baggage from China, and on grapefruit from, and sour lime in stores from India.

NOTES ON INSECTS INTERCEPTED

FRUIT FLIES

Anastrepha fraterculus was intercepted in grapefruit and orange from Brazil and mango from the Dominican Republic, Mexico, Salvador, and Trinidad, and *A. fraterculus* (?) in cherimoya from Chile, in orange from Brazil and Peru, and in grape from Argentina. The Mexican fruit fly (*A. ludens*) was taken in *Annona* sp., orange, guava, guiney, and mango from Guatemala, in apple, avocado, grapefruit, mango, orange, peach, pear, pomegranate, quince, sapote, sour orange, sweet lime, and tangerine from Mexico, in orange from Costa Rica, and in mango from Honduras. The West Indian fruit fly (*A. mombinpraeoptans*) was intercepted in mango from Bermuda, Costa Rica, the Dominican Republic, Guatemala, Haiti, Honduras, Jamaica, Mexico, Panama, Puerto Rico, and Salvador, in guava from Cuba, Puerto Rico, and Salvador, in yellow mombin from Guatemala, Mexico, Puerto Rico, Salvador, and Trinidad, in *Pondias* sp. from Guatemala, Puerto Rico, and Salvador, and *A. mombinpraeoptans* (?) in mango from Panama and Trinidad. *A. serpentina* was found in sapodilla from Guatemala and Venezuela, in sapote from Guatemala, in guiney and star-apple from Mexico, in grapefruit and orange from Trinidad, and in sapote from Panama, and *A. serpentina* (?) in sapodilla from the Netherlands West Indies. *A. suspensa* was intercepted in guava from Cuba and Puerto Rico and in orange from Puerto Rico. The Mediterranean fruit fly (*Ceratitis capitata*) was taken in apple from the Azores, Italy, and Spain, in apricot from the Cape Verde Islands and France, in coffee from Brazil and Hawaii, in fig and loquat from the Azores and Italy, in grape from Argentina, the Madeira Islands, and Portugal, in grapefruit from Cyprus, Egypt, Hawaii, Italy, Morocco, the Union of South Africa, and Uruguay, in guava from Palestine, in mango from Brazil, in medlar, persimmon, pomegranate, pricklypear, and quince from Italy, in orange from Algeria, Azores, Brazil, Cyprus, Egypt, Italy, Portugal, Spain, and the Union of South Africa, in papaya and tomato from Hawaii, in peach from Algeria, France, Italy, Lebanon, Morocco, Portugal, and Spain, in pear from Italy, Portugal, and Spain, in plum from Greece, in purple granadilla from the Azores, in tangerine from Italy, Portugal, and Spain, and with contraband containing oranges and *Citrus* sp. from Lebanon, and *C. capitata* (?) in apricot from Syria, in grape from Argentina, in grapefruit from Cyprus (?) and Morocco, in guava from the Madeira Islands, in lemon from Italy, in orange from Brazil and the Union of South Africa, in peach from Italy and Morocco, in pear from France, and in plum from Portugal. The melon fly (*Pachus cucurbitae*) was taken in cucumber from Hawaii and the Straits Settlements and in squash and tomato from Hawaii, and *D. cucurbitae* (?) in cucumber, squash, string bean, and tomato from Hawaii. The oriental fruit fly (*D. dorsalis*) was found in an airplane, avocado, banana, small green coconut, coffee, *Garcinia rubra*, ginger, lava, Japanese persimmon, lychee, papaya, soda-apple nightshade, tropical almond, and vi-apple from Hawaii and in mango from Hawaii and India, and *D. dorsalis* (?) in small green coconut, fig, and tomato from Hawaii and in *Ochrosia* sp. from Guam. The olive fruit fly (*D. oleae*) was intercepted in olive from the Azores, Italy, Lebanon, and Portugal. The celery fly (*Euleia heraclei*) was taken in celery from England. *Phagoletis alternata* was found in rose hips from Sweden and *R. alternata* (?) in rose hips from Austria and Sweden. *R. cerasi* was intercepted in cherry from France, Germany, Italy, and Portugal and *R. cerasi* (?) in cherry from France, Italy, Portugal, and Spain. *R. juglandis* (?) was taken in walnut from Mexico. The apple maggot (*R. pomonella*) was found in apple and red haw from Mexico. *R. striatella* was intercepted in husk tomato from Mexico.

INSECTS OTHER THAN FRUIT FLIES

A bruchid, *Acanthoscelides griseolus*, a potential pest of sesbania, was taken in *Sesbania macrocarpa* and *Sesbania* sp. from Mexico. The ground-nut stem girdler (*Alcidodes dentipes*) was found in sweetpotatoes used as food for monkeys coming from West Africa. *Aeolothrips brevicornis* (Aeolothripidae) was intercepted on *Erica* sp. from the Union of South Africa. The citrus blackfly (*Aleurocanthus woglumi*) was

taken on leaves of *Citrus* sp., orange, and sour lime from Mexico. A curculio *Baris coerulescens*, was found in radish from France. *Bruchidius incarnatus* (Bruchid) a considerable pest in Egypt, was found in broadbeans from Egypt and Lebanon bruchid, *Bruchus tristiculus*, not yet found breeding in this country, was intercepted in vetch from Italy. The Asiatic rice borer (*Chilo simplex*) was found in rice from China and Japan, and *C. simplex* (?) was found in *Leersia* sp. from Japan. A pentamid, *Coptosoma cribraria*, a pest of beans in the Orient, was intercepted on the stem camellia from China. The banana root borer (*Cosmopolites sordidus*) was taken banana root from Honduras. *Cylas femoralis* (Curculionidae) was taken in sweet potato from West Africa; *C. formicarius* in sweetpotato from India; *C. formicarius* var. in sweetpotato from the Fiji Islands, Hawaii, India, Iraq, and Siam; and *puncticollis* in sweetpotato from Mozambique, Sierra Leone, and West Africa. Tahitian coconut weevil (*Diocalandra taitensis*) was found in coconut from Hawaii. *Epicaerus cognatus* (Curculionidae) was taken in potato and *Solanum* sp. (wild potato) from Mexico. A chrysomelid, *Gastrophysa viridula*, believed not yet established in America, was found in soil with potatoes from England. *Gymnandrosoma aurantianum* (Olethreutidae) was found in orange from Brazil. *Leucocera sexpunctatus* (Chrysomelidae) was taken on orchid leaf from Cuba; little is known of this Antillean genus. The pink bollworm (*Pectinophora gossypiella*) was taken in cottonseed from Brazil, Egypt, Hawaii, India, Italy, Jamaica, Mexico, Pakistan, and the Philippines, in cotton from Haiti and Mexico, in cotton boll from the Virgin Islands, cotton (grabbed) from Brazil, and in okra from the American Virgin Islands, Brazil, and Puerto Rico. *Pheidole megacephala* (Formicidae), an important economic species, was found in eggplant and pineapple from Cuba. An olethreutid, *Polychrosis botrana*, was taken on grapes from France and Italy. Two curculionids, *Premnotrypes fractirostris* and *solani*, were found in potatoes from Peru. *Sesamia cretica* (Phalaenidae) was intercepted in the stem of broomcorn from France. A curculionid, *Sitona humeralis*, known to be established in North America, was intercepted with garlic, grapes, bulbs, and rose stock from Italy. The coffee berry borer (*Stephanoderes hampei*) was taken in coffee berries from Brazil in transit to Canada.

SNAILS

The giant African snail (*Achatina fulica*) was found on salvaged military equipment which was being returned from Guam, the Philippines, Saipan, and Tinian Island. Living snail eggs were taken from an empty coconut husk attached to the military equipment, while 12 interceptions of living snails and one of dead snails were made on military equipment. One interception was made at New York, N. Y., on material from Saipan, 6 at San Francisco, Calif., from Guam, Saipan, and Tinian Island, and at San Pedro, Calif., from the Philippines and Saipan.

Among other interceptions of snails, not known to occur on the mainland of the United States and injurious to agriculture, was a species of *Lamellaxis* which was taken at Nogales, Ariz., in soil with plants from Mexico, and at San Juan, Puerto Rico, soil arriving by airplane from the Dominican Republic.

NOTES ON DISEASES INTERCEPTED

Changing conditions for the year under consideration placed China in first place, the country contributing the largest number of interceptions (11) of citrus canker (*Xanthomonas citri*), and India, which held that position for three years, dropped to second place with 9. Japan followed in third place with 4 interceptions. Fruits infected were grapefruit, lemon, Mandarin orange, pummelo, sour lime, and sweet orange. A second disease of concern to citrus production in this country, the sweet orange scab (*Elsinoe australis*), was taken 22 times on lemon from Argentina and Brazil, 22 times on sweet orange from Argentina, Brazil, and Uruguay, twice on sour lime from Brazil, and once on tangerine from Argentina. "Cancerosis B", still another serious disease of citrus in South America, was found on six different occasions on lemons from Argentina. *Coleosporium senecionis*, a rust fungus of possible importance, was intercepted on two large importations of Scotch pine seedlings and one of Swiss mountain pine seedlings. The three importations were from Denmark and were intended for reforestation work in this country. This rust has been reported to cause considerable damage to pines in some parts of the world, but is not believed to be established in North America. With this report comes the first records of the interception of the golden nematode (*Heterodera rostochiensis*), a serious pest of potatoes and tomatoes in Europe, known in this country only from Long Island, New York, where efforts are being made to prevent its spread. Analysis during the year of various lots of prohibited foreign soils yielded 11 interceptions of this dangerous pest. *Neovossia indica*, a smut fungus of potential importance to the wheat production of this country, arrived by mail on two occasions from India where it causes as much as 20 percent damage in the hot lowlands. This disease is commonly known as "Karnal bunt".

Other diseases worthy of note were a leaf fungus, *Ascochyta haworthiae*, of haworthias in the Union of South Africa; camellia yellow-spot virus of that host from France; a banana leaf spot (*Cercospora musae*) from various countries where it is known; a stem fungus, *Coleosporium dominicense*, on plumeria from Venezuela; a fungus, *Curvularia lunata*, on pepper from Cuba, and on onion from Mexico and Sweden; a fungus, *Cytospora ceratophora*, on nuts of chestnut from Italy; a stem fungus, *Cytospora dahliae*, on dahlia from France; a twig parasite, *Cytospora punica*, on pomegranate from Mexico; a lima bean scab fungus (*Elsinoe phaseoli*) from Cuba; a rust fungus, *Gymnosporangium aeanum*, on juniper from Japan; a stem fungus, *Heterosporium ornithogali*, on ornithogalum from the Union of South Africa; a banana leaf fungus, *Leptosphaeria sarum*, from Colombia and Guatemala; a banana fungus, *Macrophoma musae*, on that host from India, Pakistan, and the Philippines; a brown rot fungus, *Monilinia citigena*, on peach fruit from Portugal; a leaf and stem fungus, *Phaeosphaeria oryzae*, on rice from China and Japan; citrus black spot (*Phoma citricarpa*) from Australia, China, Formosa, Japan, and the Union of South Africa; a twig fungus, *Phomopsis gnolliae*, on magnolia from the Netherlands; a twig and stem fungus, *Phomopsis bicolor*, on European mountain-ash from the Netherlands; a leaf fungus, *Phyllachora aleri*, on anthurium from Guatemala; a camellia leaf spot fungus, *Phyllosticta camelliae* from England; a rust fungus, *Prospodium appendiculatum*, on the Florida yellow-pimper from Mexico; a rust fungus, *Puccinia cichorii*, on chicory from Belgium; a leaf and glume fungus, *Pyrenochaeta oryzae*, on rice from India; a twig fungus, *Sclerotinia kernerii*, on fir from Greece; a bulb-rotting fungus, *Sclerotium delphinii*, on Morocco from France; a leaf-spot fungus, *Septoria bambusella*, on bamboo from China; a leaf-spot fungus, *Septoria castanicola*, on chestnut from Italy; a leaf-spot fungus, *Septoria cyclaminis*, on cyclamen from Italy and Switzerland; a leaf blotch fungus, *Septoria posekensis*, on various orchids from Brazil, India, and Mexico; a stem fungus, *Uromyces graminella*, on wheat from India; a rust fungus, *Thecopsora areolata*, on cherry leaves from Finland; a leaf rust, *Uromyces coronatus*, of wildrice and rice from Japan; a smut fungus, *Ustilago esculenta*, of Asiatic wildrice from Japan; and the hyacinth yellows disease (*Xanthomonas hyacinthi*) in hyacinth bulbs from the Netherlands.

Nematodes of interest for the year were *Aphelenchus aderholdi* in lily-of-the-valley roots from Denmark and Germany; *A. avenae* in aster from Germany; *Ditylenchus* sp., apparently *destructor*, in peanut seed from Uruguay; *D. dipsaci* in garlic from Mexico; *Tylenchus* sp. in colchicum, iris, and narcissus from the Netherlands; *Heterodera ttingiana* in soil with camellias from the Azores and strawberry roots from Denmark; *H. punctata* with soil about orchid roots from England, and *Tylenchus putrescens* in garlic from Mexico.

Of the 1,132 species of pathogens or other organisms listed in the table, 77 were new to the interception files. Interceptions of the other 1,055 pathogens showed 128 new countries of origin and 109 new hosts.

INCOMPLETELY DETERMINED PESTS

Frequently inspectors find insects or pathogens affecting plant material in such a way or condition that complete and accurate determination is impracticable or impossible. Some of these insects and pathogens are without doubt new to science, and may be destructive pests. The notes below are given to show the general nature of such incompletely determined interceptions.

INSECTS

Among the incompletely determined insects were the following fruit flies: *Anastrepha* sp., probably *fraterculus*, at New York, N. Y., in fig in baggage and in grapefruit in stores from Argentina, and at Eagle Pass, Tex., in mango in baggage from Mexico; *Anastrepha* sp., probably *ludens*, at Laredo, Tex., in orange in baggage from Mexico; *Anastrepha* sp., probably *mombinpraeoptans*, at El Paso, Tex., Hidalgo, Tex., and Laredo, Tex., in mango in baggage from Mexico, at El Paso, Tex., in mango in baggage from El Salvador, at New Orleans, La., in mango in baggage and in mango in ship's baggage from Guatemala, at New York, N. Y., in mango in baggage from Puerto Rico and Venezuela and in quarters from Puerto Rico, and at Port Arthur, Tex., in mango in stores from Panama, at Laredo, Tex., in guava in baggage from Mexico, at New York, N. Y., in yellow mombin in baggage from Venezuela; *Anastrepha* sp., probably *serpentina*, at Laredo, Tex., in sapote in baggage from Mexico, at New Orleans, La., in apple in quarters, origin unknown, at San Pedro, Calif., in cherimoya cargo from Ecuador; *Anastrepha* sp., probably *striata* Schiner, at New York, N. Y., in guava in baggage from Trinidad; *Anastrepha* sp., probably *suspensa*, at Miami, Fla., in guava in baggage from Puerto Rico; *Anastrepha* sp. at the National Airport, Arlington, Va., in cherimoya in baggage from Peru, at Baltimore, Md., in grapefruit in stores from Trinidad, in guava in baggage from Puerto Rico, and in orange in stores

from Brazil, at Boston, Mass., in guava in baggage from Puerto Rico, at Brownsville, Tex., in mango and orange in baggage from Mexico, at El Paso, Tex., in jobo plum, mamey, and mango in baggage from Mexico, at Galveston, Tex., in orange in stores from Brazil, at Hidalgo, Tex., in mango in baggage from Mexico, at Hoboken, N. J., in *Couma macrocarpa* in express from Brazil, at Jacksonville, Fla., in orange in baggage from Cuba, at Laredo, Tex., in orange and peach in baggage from Mexico, at Miami, Fla., in guava in baggage from Puerto Rico, in hog plum in baggage from Guatemala and Puerto Rico, in mango in baggage from Colombia, Haiti, and Puerto Rico, New Orleans, La., in mango in baggage from Guatemala, at Newport News, Va., grapefruit in stores from British Honduras, at New York, N. Y., in guava in baggage by mail, and quarters from Puerto Rico, in mango in stores from Ecuador and Honduras, in mango in baggage and cargo from the Dominican Republic, in *Passiflora* sp. baggage from Trinidad, and in sapodilla in stores from Peru, at Port Arthur, Tex., grapefruit in stores from Argentina, at San Juan, P. R., with a bag of oranges in stores from South America, in rose-apple in baggage from British Guiana, and sapodilla in baggage from the Dominican Republic, at San Ysidro, Calif., in marionberry in baggage, probable origin La Paz, Baja Calif., and at Tampa, Fla., in mango in pilot's lunch box on an airplane from Panama; probably *Ceratitis* sp. at New York, N. Y., in grapefruit in stores from the Union of South Africa; *Dacus* sp. at Boston, Mass., in melon in stores from southwest Arabia; probably *Dacus* sp. (not *cucurbitae*), Baltimore, Md., in squash in stores from the Union of South Africa; probably *Dacus* sp. at Galveston, Tex., in vegetable marrow in stores from French West Africa; *Rhagoletis* sp., probably *completa* Cress., at Hidalgo, Tex., and Laredo, Tex., in black walnut in baggage from Mexico; *Rhagoletis* sp. at El Paso, Tex., in *Lycium berlandieri* in baggage from Mexico, at Laredo, Tex., in red haw and walnut in baggage from Mexico. Two species of *Anastrepha* (adults) were found in the light socket in the hold of a ship carrying banana cargo. Fifteen interceptions which could not be identified beyond family (Tephritidae) were taken at Anchorage, Alaska in an airplane from the Orient, at Boston, Mass., in tangerine in stores from India, at the National Airport, Arlington, Va., in *Eugenia* sp. in garbage (evidently discarded by a passenger) from Siam, at El Paso, Tex., in squash in cargo from Mexico, at New Orleans, La., in grape in cargo from Argentina, at New York, N. Y., in *Eugenia* sp. in baggage from Puerto Rico, in grape in cargo from Argentina, in squash in stores from the Union of South Africa, and in a paper bag with peppers (none in peppers) from Liberia, Philadelphia, Pa., in orange in stores from Brazil, at San Juan, P. R., on banana in stores from Brazil.

The following miscellaneous insects of special interest were intercepted: *Abutilon* sp., near *idoneus* Bridwell (Bruchidae) at New York, N. Y., in *Abutilon* sp. seed in cargo from Mexico; *Acanthoscelides* sp., probably *ceratioborus* (Philippi) at St. Paul, Minn., in carob bean in mail from Peru; *Aleurotrachelus* sp. (Aleyrodidae), apparently undescribed, at El Paso, Tex., on *Litsea glaucescens* in mail from Mexico, at San Francisco, Calif., on *Odontoglossum schlieperianum* in air freight from Costa Rica, and on Palmaceae in air express from Guatemala; Aleyrodidae (undescribed genus and species), near *Aleurodicus*, at Brownsville, Tex., on *Laelia majalis* in cargo from Mexico; *Alicia* sp., near *rufa* (Ill.) (Chrysomelidae), apparently undescribed, at Brownsville, Tex., with tomatoes in cargo from Mexico; *Anomalococcus* sp. (Coccidae), an undescribed species, at San Francisco, Calif., on orchid in cargo from Siam; *Anthonomus* sp., probably *varipes* Duval, (Curculionidae) at New York, N. Y., in eggplant in cargo from Cuba; *Asterolecanium* sp. (Coccidae), undescribed, at San Diego, Calif., on bamboo stalk in cargo from the Canal Zone; *Bemisia* sp. (Aleyrodidae), on plants on tractor returning from Saipan; *Caryobruchus* (new) sp. (Bruchidae) at Laredo, Tex., in palm seed in baggage from Mexico, a scolytid, *Chramesus* sp., evidently undescribed, at Brownsville, Tex., in wood in cargo from Mexico; a curculionid *Polydrusus* sp., or *Barypeithes* sp. at Hoboken, N. J., in soil around astilbe roots in cargo from the Netherlands; *Diabrotica* sp., near *curvilinea* Jac., (Chrysomelidae) at Brownsville, Tex., in cabin of airplane from the Canal Zone; *Embolemus* sp., (Embolemidae), rare insects, at Nogales, Ariz., in cabin of airplane carrying tomato cargo from Mexico; *Epicaerus* sp., near *elegantulus* Champ., (Curculionidae) at Brownsville, Tex., on gardenia in quarters of an airplane from Mexico; a lygaeid, *Exptochiomeria* sp., probably undescribed, at Laredo, Tex., on an orchid plant in cargo from Mexico; *Glaucothrips* sp. (Thripidae) at Hoboken, N. J., on *Erica* sp. and *Protea* sp. in air express from the Union of South Africa and at New York, N. Y., on *Erica* sp. in cargo from the Union of South Africa; *Gnorimoschema* sp., doubtfully *borsaniella* Koe. (Gelechiidae) at New York, N. Y., in pepper in stores from Brazil; an olethreutid *Gymnandrosoma* sp. at Miami, Fla., in guava in baggage from Puerto Rico and at New York, N. Y., in grapefruit in stores from Uruguay; *Heterobostrychus* sp., near *pileatus* Lesne, (Bostrichidae) at New York, N. Y., in wood in cargo from India; Lampyridae, genus unknown and unlike any form in this country, at Brownsville, Tex., with *Miltonia endresii* in cargo from Costa Rica; *Leptodictya* (new) sp. (Tingidae).

at Nogales, Ariz., with orchids and succulent plants in baggage from Mexico; a chrysomelid, *Phyllobrotica* sp. or near, at Blaine, Wash., in lily bulb in cargo from Japan; *issodes* sp., probably *notatus* F., (Curculionidae) at New Orleans, La., in packing strips around peat moss in cargo from the Netherlands; *Pityokteines* sp., probably *viridens* (Germ.), (Scolytidae) at Galveston, Tex., in strips around peat moss in cargo from Germany; *Platylecanium* sp. (Coccidae), undescribed species, at San Francisco, Calif., on *Vanda caerulea* in air freight from Siam; doubtfully *Prays citri* Mill. (Hymenoptera) at Detroit, Mich., in orange blossom in baggage from Sicily; *Prays* sp. at Seattle, Wash., in *Citrus* sp. in stores from the Philippines, at Baltimore, Md., in *Citrus sinensis* junos in stores from the Philippines and at Galveston, Tex., in grapefruit in stores from Egypt; *Tarsonemus* sp., a mite, at New York, N. Y., on nectarine in cargo from Chile and at Seattle, Wash., on rhododendron leaf in cargo from England; an aleyrodid, *Tetraleurodes* sp., near *acaciae* (Q.), undescribed, at San Ysidro, Calif., on twig of *Dalea spinosa* in baggage from Mexico; *Tetralica* sp. (Aleyrodidae), apparently undescribed, at Brownsville, Tex., on gardenia in baggage and cargo from Mexico and at Nogales, Ariz., on white sapote foliage in baggage from Mexico; *Xylopertha* sp., probably *crinitarsis* Imh., (Bostrichidae) at Baltimore, Md., in mahogany in cargo from Gold Coast, Africa.

There were 4,798 interceptions distributed among 893 genera, which could be identified to genus only. A total of 115 could be determined to family or subfamily only.

A total of 4,913 incompletely determined insects were intercepted during the year.

DISEASES

Among the incompletely determined plant disease organisms collected from incoming material during the year were *Cercospora* sp. on cordia from Mexico; *Cercospora* sp. on cocoa from Peru; *Cercospora* sp. on avocado from Mexico; *Cercospora* sp. on pea pod from Mexico; *Cytospora* sp. of rhododendron from England; *Cytospora* sp. on yew seed from Japan; *Helminthosporium* sp. on rice from China and Japan; "Leptosporia" on sweet orange from Liberia and Mexico; *Monilia* sp. on rice from China; *Monilia* sp. on sweet lime from Italy and on lemon from Argentina, Italy, Turkey, and Uruguay; *Phyllosticta* sp. on spinach from Turkey; *Phyllosticta* sp. on sweet range leaf from Brazil and on unidentified citrus leaf from Italy; *Phyllosticta* sp. on alfalfa from England; *Rhabdospora* sp. on rhododendron from England; *Ramularia* sp. on gladiolus corm from the Netherlands; *Septoria* sp. on anthurium from Belgium; *Phoma* sp. on rhododendron from England; *Tilletia* sp. on wheat from India; and *Phoma* sp. on leek leaves from England and France.

Nematode interceptions worthy of note were *Aphelenchoides* sp. in peanut seed from Uruguay and in a tomato fruit from Mexico; *Aphelenchus* sp. in onion and garlic from Mexico; *Ditylenchus* sp. from Germany in New England aster roots, from Denmark with lily-of-the-valley pips, and from the Netherlands in colchicum corms, iris bulbs, and tigridia bulbs; *Heterodera* sp. in soil with undetermined plant from France; and *Pratylenchus* sp. with lily-of-the-valley pips from Denmark.

A total of 571 incompletely determined pathogens were recorded during the year.

Geographic summary of interceptions listed in main table and interception totals

Country	Insect	Disease	Country	Insect	Disease
	Number	Number		Number	Number
Africa:			Asia (continued):		
Algeria.....	9	1	Cyprus.....	4	1
Cape of Good Hope.....	1	0	Formosa.....	2	1
Cape Verde Islands.....	1	0	India.....	94	36
Egypt.....	15	3	Iran.....	0	1
Kenya.....	1	2	Iraq.....	2	1
Liberia.....	0	1	Israel.....	1	0
Madeira Islands.....	6	0	Japan.....	77	77
Morocco.....	9	0	Korea.....	1	1
Mozambique.....	1	0	Lebanon.....	10	0
Nigeria.....	6	0	Orient.....	0	1
Pretoria.....	4	0	Pakistan.....	1	1
Sierra Leone.....	5	1	Palestine.....	8	0
Southwest Africa.....	3	0	Siam.....	8	2
Transvaal.....	2	0	Straits Settlements.....	11	1
Tunisia.....	2	0	Syria.....	4	0
Union of South Africa.....	40	13	Australasia:		
West Africa.....	3	0	Aitutaki Island.....	0	1
Asia:			American Samoa.....	1	0
Afghanistan.....	10	4	Australia.....	17	20
China.....	27	148	Batavia.....	1	0

Geographic summary of interceptions listed in main table and interception totals
—Continued

Country	Insect	Disease	Country	Insect	Disease
	Number	Number		Number	Number
Australasia (continued):			North America (continued):		
Bintan Island.....	1	0	Bahamas.....	7	
Canton Island.....	0	1	Barbados.....	2	
Ceylon.....	3	2	British West Indies.....	6	
Fiji Islands.....	3	1	Cuba.....	73	
Guam.....	7	2	Dominican Republic.....	12	
Hawaii.....	255	10	Haiti.....	5	
New Zealand.....	3	1	Jamaica.....	26	
Philippines.....	45	9	Netherlands West Indies.....	1	
Salpan.....	5	0	Puerto Rico.....	231	
South Pacific.....	2	0	St. Kitts.....	1	
Tinian Island.....	2	0	St. Lucia.....	0	
Truk.....	2	0	Trinidad.....	35	
Europe:			Virgin Islands.....	5	
Austria.....	3	0	South America:		
Azores.....	14	3	Argentina.....	22	
Belgium.....	89	36	Brazil.....	100	
Czechoslovakia.....	3	1	British Guiana.....	9	
Denmark.....	7	11	Chile.....	16	
England.....	78	36	Colombia.....	37	
Europe.....	1	0	Ecuador.....	5	
Finland.....	4	1	Netherlands Guiana.....	5	
France.....	85	10	Peru.....	12	
Germany.....	30	14	South America.....	0	
Greece.....	10	1	Uruguay.....	5	
Hungary.....	5	0	Venezuela.....	54	
Ireland.....	12	2	Total:		
Italy.....	303	30	Africa.....	108	
Netherlands.....	113	173	Asia.....	260	
Norway.....	10	1	Australasia.....	347	
Poland.....	1	1	Europe.....	940	
Portugal.....	45	12	North America.....	2,227	
Rumania.....	0	3	South America.....	265	
Scotland.....	7	0	Unknown.....	12	
Spain.....	27	1			
Sweden.....	34	3			
Switzerland.....	6	2	Total.....	4,159	1,13
Turkey.....	49	7			
Wales.....	1	0			
Yugoslavia.....	3	0			
North America:			Total incompletely deter-		
Bermuda.....	8	7	mined pests, pp.....	4,913	57
Canada.....	8	3	Total insect interceptions.....	9,072	-----
British Columbia.....	2	1	Total disease interceptions.....		1,70
Central America			Grand total.....		10,77
British Honduras.....	1	0			
Canal Zone.....	69	4			
Costa Rica.....	74	40			
Guatemala.....	58	30			
Honduras.....	28	6			
Nicaragua.....	7	2			
Panama.....	23	11			
Salvador.....	21	1			
Mexico.....	1516	203			
West Indies.....	1	0			
American Virgin Islands.....	7	0			

NOTE.—In addition to the countries named above, interceptions were made from Anglo-Egyptia Sudan, Antigua, Aruba, Belgian Congo, Bolivia, British Somaliland, Canary Islands, Christmas Island, Eniwetok Island, Ethiopia, French West Africa, Gibraltar, Gold Coast, Grenada, Java, Johnston Island, Kwajalein Island, Luxembourg, Manua Island, Mariana Islands, Midway Island, Natal, Nevis, New Guinea, Oceania, Paraguay, Rhodesia, St. Vincent, Trieste, and Wake Island.

List of pests (insects) collected and reported from July 1, 1946, to June 30, 1949, inclusive
[An asterisk indicates State inspection]

Insect and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Non-entry	Propagation	
<i>Acalypta parva</i> (Fall.) (Tingidae): Woods moss.....	France.....			1	New Jersey.
<i>Acalypta parvula</i> (Fall.) (Tingidae): Woods moss.....	do.....			1	Do.
<i>Acanthocinus aedilis</i> (L.) (Cerambycidae): <i>Pinus</i> sp. (pine).....	Netherlands.....	3			Alabama, Texas.
Wood.....	do.....				Louisiana.

t of pests (insects) collected and reported from July 1, 1948, to June 30, 1949, inclusive
—Continued

[An asterisk indicates State inspection]

Insect and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Non-entry	Propagation	
<i>Anthrenus armitagei</i> (Pic.) (Bruchidae): <i>Cajanus cajan</i> (pigeonpea)-----	Brazil, Canal Zone, Guatemala, Panama, Venezuela.-----	4	-----	3	District of Columbia, New Jersey, New York.
<i>Anthrenus griseolus</i> (Fall) (Bruchidae): <i>Sesbania exaltata</i> ----- <i>Sesbania</i> sp.-----	Mexico.----- do.-----	1	-----	1	California, Arizona.
<i>Anthrenus obreptus</i> Bridwell (Bruchidae): <i>Vigna sinensis</i> (cowpea)-----	do.-----	-----	-----	1	District of Columbia.
<i>Anthrenus spinipes</i> (Er.) (Bruchidae): Legume pod-----	Italy-----	1	-----	-----	New York.
<i>Antennaria fulva</i> (Fer.) (Mollusca): <i>Cocos nucifera</i> (coconut)----- Returned military equipment-----	Guam----- Guam, Philippines, Salipan, Tinian Island.-----	1 13	-----	-----	California.* California.*, New York.
<i>Aphidius assectella</i> (Zell.) (Hyponomeutidae): <i>Allium cepa</i> (onion)----- <i>Allium porrum</i> (leek)-----	Italy----- France, Netherlands.	----- -----	1 4	-----	Texas. Pennsylvania
<i>Aphidius vicinalis</i> Dist. (Lygaeidae): Orchid----- <i>Aspilota mexicana</i> Cole (Otitidae): <i>Ananas comosus</i> (pineapple)----- <i>Blattella longicornis</i> Champ. (Elateridae): Orchid-----	Mexico----- do.----- do.-----	----- 1 -----	----- ----- -----	1 ----- 1	Texas. Do. Do.
<i>Aphidius sinicus</i> Burm. (Scarabaeidae): Airplane----- Baggage----- <i>Hibiscus</i> sp.----- <i>Ipomoea tuberosa</i> (woods rose)----- <i>Strelitzia reginae</i> (bird-of-paradise-flower)----- <i>Aphidius griseolus</i> (Germ.) (Elateridae): <i>Beta</i> sp.-----	Hawaii----- do.----- do.----- do.----- do.----- Union of South Africa.	----- ----- 1 1 1 -----	1 1 ----- ----- -----	----- ----- ----- ----- 1	Hawaii. Do. Do. Do. Do. New York.
<i>Aphidius brevicornis</i> Bagn. (Acolopridae): <i>Erica</i> sp.----- <i>Aphidius pulchellus</i> Cand. (Elateridae): Airplane----- <i>Aphidius quadripunctata</i> (Prov.) (Cicadellidae): <i>Phlox subulata</i> (moss phlox)----- Woods moss----- <i>Aspilota novella</i> (Say) (Cicadellidae): Woods moss----- <i>Aspilota cuprealis</i> (Hbn.) (Pyralidae): <i>Salix</i> sp. (willow)----- <i>Triticum aestivum</i> (wheat)----- <i>Aspilota trilineata</i> (F.) (Pentatomidae): Orchid----- <i>Aphidius dentipes</i> (Oliv.) (Curculionidae): <i>Ipomoea batatas</i> (sweetpotato)-----	do.----- Salvador----- Canada----- do.----- do.----- Portugal----- Azores----- Canal Zone----- Sierra Leone, West Africa.	----- 2 ----- ----- ----- 1 1 ----- 1 -----	----- 1 ----- ----- ----- ----- ----- ----- ----- 1 1	----- ----- ----- ----- ----- ----- ----- ----- 1 -----	Do. Louisiana. New Jersey. Do. Do. Massachusetts, Do. Puerto Rico. Massachusetts, New York.
<i>Aphidius woglumi</i> Ashby (Aleyrodidae): <i>Citrus aurantifolia</i> (sour lime)----- <i>Citrus sinensis</i> (orange)----- <i>Citrus</i> sp.----- <i>Aspilota emmae</i> Russell (Aleyrodidae): Orchid-----	Mexico----- do.----- do.----- do.----- do.-----	21 ----- 1 12	1 ----- ----- -----	1 ----- ----- -----	Arizona, California*, Texas. Texas. Arizona, Texas. Texas.

List of pests (insects) collected and reported from July 1, 1948, to June 30, 1949, inclusive
—Continued

[An asterisk indicates State inspection]

Insect and host	Country of origin	Number of interceptions in—			Collected in
		Con- sump- tion	Non- entry	Prop- aga- tion	
<i>Aleuoparadoxus gardeniae</i> Russell (Aleyrodidae): <i>Gardenia augusta</i> (gardenia)	do	6	-----	-----	California* Texas.
<i>Aleuroplatus cococolus</i> Q. & B. (Aleyro- didae): Palm	do	1	-----	-----	Arizona.
<i>Aleurothrixus myrtacei</i> Bondar (?) (Aleyrodidae): <i>Myrtus</i> sp. (myrtle)	Brazil	-----	-----	1	Florida.
<i>Aleurotrachelus camelliae</i> (Kuw.) (Aleyrodidae): <i>Camellia japonica</i> (camellia)	Japan	-----	-----	1	Do.
<i>Aleurotrachelus trachoides</i> (Back) (Aleyrodidae): <i>Annona squamosa</i> (sugar-apple)	Cuba	1	-----	-----	Do.
<i>Algarobius ceratioborus</i> (Philippi) (Bruchidae): <i>Acacia farnesiana</i> (cascalote)	Salvador	1	-----	-----	Louisiana.
<i>Caesalpinia brevifolia</i>	Chile	2	-----	-----	New York.
<i>Cordia trichotoma</i>	Argentina	-----	-----	1	District of Co- umbia.
<i>Prosopis algarobilla</i>	do	-----	-----	1	Do.
<i>Prosopis nigra</i>	do	-----	-----	1	Oregon.
<i>Algarobius prosopis</i> (Lec.) (Bruchidae): <i>Prosopis pubescens</i> (screwbean)	Mexico	1	-----	-----	Texas.
<i>Prosopis</i> sp.	Hawaii, Mexico	2	-----	-----	Arizona, Hawaii.
<i>Allantus cinctus</i> (L.) (Tenthredinidae): <i>Kerria</i> sp.	Netherlands	-----	-----	1	New Jersey.
<i>Magnolia soulangeana</i> (saucer mag- nolia)	do	-----	-----	1	Do.
<i>Magnolia</i> sp.	do	-----	-----	1	Do.
<i>Weigela</i> sp.	do	-----	-----	1	Do.
<i>Alpheias conspirata</i> Hein. (Galleriidae): <i>Ananas comosus</i> (pineapple)	Mexico	56	-----	-----	Texas.
<i>Amorbia emigratella</i> Busck (Tortricidae): Cut flowers	do	1	-----	-----	Do.
<i>Gardenia augusta</i> (gardenia)	do	1	-----	-----	Do.
<i>Zingiber</i> sp.	Hawaii	1	-----	-----	California.
<i>Amphicerus cornutus</i> (Pallas) Bostrichi- dae): Orchid	Mexico	-----	-----	1	Texas.
Wood	India, Mexico	4	-----	-----	Missouri, New York, Wash- ington.
<i>Ananca hottentota</i> Fairm. (Oedemeridae): <i>Protea</i> sp.	Union of South Africa	1	-----	-----	New York.
<i>Anastrepha fraterculus</i> (Wied.), (Tephritidae): <i>Citrus paradisi</i> (grapefruit)	Brazil	-----	2	-----	Maryland, New York.
<i>Citrus sinensis</i> (orange)	do	-----	2	-----	New York.
<i>Mangifera indica</i> (mango)	Dominican Republic, Mexico, Sal- vador, Tri- nidad	7	-----	-----	Alabama, New York, Texas.
<i>Anastrepha fraterculus</i> (Wied.) (?) (Tephritidae): <i>Annona cherimola</i> (cherimoya)	Chile	1	-----	-----	District of Co- umbia.
<i>Citrus sinensis</i> (orange)	Brazil, Peru	1	1	-----	Alabama, Maryland, New York.
<i>Vitis</i> sp. (grape)	Argentina	3	-----	-----	-----
<i>Anastrepha ludens</i> (Loew) (Tephritidae): <i>Annona</i> sp.	Guatemala	1	-----	-----	Louisiana.
<i>Citrus aurantifolia</i> (sweet lime)	Mexico	22	-----	-----	Texas.
<i>Citrus aurantium</i> (sour orange)	do	2	-----	-----	Do.
<i>Citrus paradisi</i> (grapefruit)	do	8	-----	-----	Do.
<i>Citrus reticulata</i> (tangerine)	do	1	-----	-----	Do.
<i>Citrus sinensis</i> (orange)	Costa Rica, Guatemala, Mexico	100	4	-----	Louisiana Texas.

of pests (insects) collected and reported from July 1, 1948, to June 30, 1949, inclusive
—Continued

[An asterisk indicates State inspection]

Insect and host	Country of origin	Number of interceptions in—			Collected in—
		Con- sump- tion	Non- entry	Prop- aga- tion	
<i>Streptophaga lutea</i> —Continued					
<i>Dydonia oblonga</i> (quince)	Mexico	3			Texas.
<i>Morus sylvestris</i> (apple)	do	2			Do.
<i>Mammea americana</i> (mamey)	Guatemala	1			Do.
<i>Mangifera indica</i> (mango)	Guatemala, Honduras, Mexico.	22	2		Arizona, California, Louisiana, Texas.
<i>Persea americana</i> (avocado)	Mexico	2			Texas.
<i>Prunus persica</i> (peach)	do	2			Do.
<i>Punica granatum</i> (pomegranate)	do	4			Do.
<i>Pyrus communis</i> (pear)	do	4			Do.
Sapote	do	1			Do.
<i>Streptophaga mombinpraeoptans</i> Sein ephritidae):					
<i>Mangifera indica</i> (mango)	Bermuda, Costa Rica, Dominican Republic, Guatemala, Haiti, Honduras Jamaica, Mexico, Panama, Puerto Rico, Salvador.	108	11		Alabama, California*, Florida*, Louisiana, Maryland, Massachu- setts, New York, Penn- sylvania, Puerto Rico Texas, Virginia.
<i>Psidium guajava</i> (guava)	Cuba, Puerto Rico, Sal- vador.	32			Florida*, Louisiana, New York, Pennsylvan- ia, Puerto Rico.
<i>Spondias mombin</i> (yellow mombin)	Guatemala, Mexico, Puerto Rico, Salvador, Trinidad.	9	1		California*, Florida*, Louisiana, New York, Texas.
<i>Spondias</i> sp.	Guatemala, Puerto Rico, Salvador.	4			Louisiana, New York.
<i>Streptophaga mombinpraeoptans</i> Sein (?) ephritidae):					
<i>Mangifera indica</i> (mango)	Panama, Trin- idad.		3		Alabama, Texas.
<i>Streptophaga serpentina</i> (Wied.) ephritidae):					
<i>Chrysosapota</i> (sapodilla)	Guatemala, Venezuela.	2			Florida*, Louisiana.
<i>Calocarpum sapota</i> (sapote)	Guatemala	1			Louisiana.
<i>Chrysophyllum cainito</i> (star-apple)	Mexico		2		Do.
<i>Citrus paradisi</i> (grapefruit)	Trinidad		2		New York.
<i>Citrus sinensis</i> (orange)	do		2		Florida*, Puerto Rico
<i>Mammea americana</i> (mamey)	Mexico	6			Texas.
Sapote	Panama	1			Do.
<i>Streptophaga serpentina</i> (Wied.) (?) ephritidae):					
<i>Chrysosapota</i> (sapodilla)	Netherlands West Indies.	1			New York.
<i>Streptophaga suspensa</i> (Loew) (Tephriti- dae):					
<i>Citrus sinensis</i> (orange)	Puerto Rico	1			Do.
<i>Psidium guajava</i> (guava)	Cuba, Puerto Rico.	10			Florida*, Massachu- setts, New York, Puerto Rico.
<i>Homotoma stercorea</i> (Zell.) (Phycit- idae):					
<i>Platanus cajan</i> (pigeonpea)	Bahamas, Dominican Republic, Panama Puerto Rico, Trinidad.	29			Maryland, New York, Pennsylvan- ia, Puerto Rico, Virginia.

List of pests (insects) collected and reported from July 1, 1948, to June 30, 1949, inclusive
—Continued

[An asterisk indicates State inspection]

Insect and host	Country of origin	Number of interceptions in—			Collected in—
		Con- sump- tion	Non- entry	Prop- aga- tion	
<i>Andricus glandium</i> Giraud (Cynipidae): <i>Quercus</i> sp. (valonia).....	Turkey.....	1			New York.
<i>Anomala rufocuprea viridiaenea</i> Ohaus (Scarabaeidae): <i>Cupressus</i> sp. (cypress).....	Japan.....			1	Washington.
<i>Antestia variegata</i> (Thunberg) (Pentato- midae): <i>Protea</i> sp.....	Union of South Africa.		1		New York.
<i>Antestia variegata lineaticollis</i> (Stal) (Pentatomidae): <i>Protea</i> sp.....	do.....	1			Do.
<i>Anthonomus albolineatus</i> Champ. (Cur- culionidae): Orchid.....	Mexico.....			2	Texas.
<i>Anthonomus incanus</i> Champ. (Curcu- lionidae): Orchid.....	do.....			1	Arizona.
<i>Anthonomus rectirostris</i> (L.) (Curculion- idae): <i>Prunus padus</i> (European bird cherry)	Austria.....			1	New Jersey.
<i>Anuraphis helichrysi</i> (Kltb.) (Aphidae): <i>Chrysanthemum</i> sp.....	England, Nor- way, Scot- land.	3			Massachusetts New York.
<i>Anuraphis tulipae</i> (Fonse.) (Aphidae): <i>Anemone</i> sp.....	Bermuda.....	1			New York.
<i>Crocus</i> sp.....	Netherlands.....			1	New Jersey.
<i>Iris bucharica</i>	do.....			1	Do.
<i>Iris hoogiana</i>	do.....			2	Do.
<i>Iris susiana</i> (mourning iris).....	England, France, Netherlands.			12	Do.
<i>Iris xiphioides</i> (English iris).....	Netherlands.....			1	Do.
<i>Iris</i> sp.....	England, France, Netherlands.			9	California*, New Jersey
<i>Tulipa</i> sp. (tulip).....	Belgium, Netherlands.			4	New Jersey, New York.
<i>Aonidiella citrina</i> (Coq.) (Coccidae): <i>Canarium odoratum</i> ("ilangilang")	Philippines.....	1			Minnesota.
<i>Citrus paradisi</i> (grapefruit).....	Australia.....		1		California*
<i>Cordia</i> sp.....	Mexico.....	1			Texas.
<i>Aonidiella comperei</i> McKenzie (Cocci- dae): <i>Citrus aurantifolia</i> (sour lime).....	Trinidad.....	1			Florida.*
<i>Aonidiella inornata</i> McKenzie (Cocci- dae): <i>Citrus reticulata</i> (tangerine).....	Philippines.....		2		California.*
<i>Cocos nucifera</i> (coconut).....	Philippines, South Pacific.	3	3		Do.
<i>Jasminum sambac</i> (Arabian jasmine)	Hawaii.....			1	Do.
<i>Jasminum</i> sp.....	do.....	1			Do.
<i>Musa paradisiaca sapientum</i> (banana)	Truk.....	1			Hawaii.
<i>Aoromius quinquepunctatus</i> (L.) (Curculionidae): <i>Vicia</i> sp. (vetch).....	France.....	1			Maryland.
<i>Aphanus saturnius</i> (Rossi) (Lygaeidae): <i>Vitis</i> sp. (grape).....	Italy.....	1			New York.
<i>Aphanus umbrosus</i> Dist. (Lygaeidae): <i>Lycopersicon esculentum</i> (tomato).....	Mexico.....	1			Texas.
<i>Apion carduorum</i> Kby. (Curculionidae): <i>Cynara cardunculus</i> (cardoon).....	Italy.....			1	New York.
<i>Cynara scolymus</i> (globe artichoke).....	France, Italy.....	2	2		Do.
<i>Apion pomonae</i> F. (Curculionidae): <i>Vicia</i> sp. (vetch).....	France, Por- tugal, Spain.	3			Alabama, New York.
<i>Araecerus vieillardi</i> (Montr.) (Anthri- bidae): Airplane.....	Australia.....		1		Hawaii.
<i>Ipomoea tuberosa</i> (wood rose).....	Hawaii.....	1			Do.
<i>Argyresthia conjugella</i> Zell. (Hypono- meutidae): <i>Malus sylvestris</i> (apple).....	Norway.....	1			New York.

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Insect and host	Country of origin	Number of interceptions in—			Collected in—
		Con- sump- tion	Non- entry	Prop- aga- tion	
<i>Agrotis franciscana</i> (Wlsm.) (?) (Tortricidae):					
<i>Malus sylvestris</i> (apple)	Mexico		1		California.*
<i>Tipus floridanus</i> Horn (Curculionidae):					
Herbaceous plant	Bahamas	1			Florida.*
<i>Velius albopunctatus</i> (Deg.) (Penta- domidae):					
<i>Capsicum frutescens</i> (pepper)	Mexico	1			Texas.*
<i>Lycopersicon esculentum</i> (tomato)	do	3			Arizona, Texas.
<i>Pidiotus abietis</i> (Schr.) (Coccidae):					
<i>Abies</i> sp. (fir)	Czechoslovakia			1	New York.
<i>Pidiotus coryphae</i> Ckll. & Rob. (Coccidae):					
<i>Cocos nucifera</i> (coconut)	Philippines		1		California.*
<i>Pidiotus degeneratus</i> (Leon.) (Cocci- dae):					
<i>Camellia</i> sp.	China			2	Do.
<i>Pidiotus destructor</i> Sign. (Coccidae):					
<i>Cocos nucifera</i> (coconut)	Canal Zone, Costa Rica, Guatemala, Honduras, Mexico.	16	5		California,* Florida,* Texas.
<i>Mammea americana</i> (mamey)	Puerto Rico			1	New York.
<i>Musa paradisiaca sapientum</i> (banana)	Costa Rica, Cuba, Gua- temala.	19			California,* Florida.*
Palm	Cuba	1			Florida.*
Plant leaf	Jamaica			1	California.*
<i>Pidiotus diffinis</i> Newst. (Coccidae):					
<i>Achras zapota</i> (sapodilla)	Mexico	1			Do.
<i>Philodendron</i> sp.	Colombia			1	Florida.*
<i>Pidiotus excisus</i> Green (Coccidae):					
<i>Citrus aurantifolia</i> (sour lime)	Straits Settle- ments, Philippines		1		California.*
Plant.		1			Washington.
<i>Pidiotus herculeanus</i> Ckll. & Hadden (Coccidae):					
<i>Plumeria</i> sp.	Hawaii	1			California.*
<i>Pidiotus palmae</i> Ckll. (Coccidae):					
<i>Citrus aurantifolia</i> (sour lime)	Mexico		1		Do.
<i>Citrus sinensis</i> (orange)	Costa Rica		1		Do.
<i>Lycaste gigantea</i> (orchid)	do			1	Florida.*
<i>Musa paradisiaca sapientum</i> (banana)	Costa Rica, Nicaragua.	5			California.*
<i>Philodendron</i> sp.	Costa Rica			1	Florida.
<i>Pidiotus pseudomeyeri</i> Kuw. (Cocci- dae):					
<i>Cupressus</i> sp. (cypress)	Japan			1	Washington.
<i>Pidiotus spinosus</i> Comst. (Coccidae):					
<i>Cocos nucifera</i> (coconut)	Hawaii	2			California.*
<i>Diospyros</i> sp. (persimmon)	Greece	1			Massachusetts
<i>Laelia anceps</i> (orchid)	Mexico			1	Texas.
<i>Musa paradisiaca sapientum</i> (banana)	Nicaragua	2			California.*
<i>Perolecanium bambusae</i> (Bdv.) (Coccidae):					
Bamboo	British Gulana, Mexico.	5			Arizona, New York.
<i>Perolecanium epidendri</i> (Bouche) (Coccidae):					
<i>Anthurium</i> sp.	Costa Rica			1	Florida.
<i>Catasetum viridiflavum</i> (orchid)	Canal Zone			1	New Jersey.
<i>Cattleya dowiana</i> (orchid)	Costa Rica			1	California.*
<i>Cattleya lueddemanniana</i>	Venezuela			1	Texas.
<i>Cattleya</i> sp.	Costa Rica			1	Do.
<i>Dendrobium</i> sp. (orchid)	Brazil			1	California,*
<i>Laelia anceps</i> (orchid)	Mexico	1			Texas.
<i>Oncidium flexuosum</i> (orchid)	Brazil			1	New Jersey.
<i>Oncidium lanceanum</i>	Trinidad			1	Do.
Orchid	Canal Zone, Costa Rica, Jamaica.			3	Florida, Puerto Rico.
<i>Perolecanium pustulans</i> (Ckll.) (Coccidae):					
<i>Achras zapota</i> (sapodilla)	Puerto Rico	1			New York.

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<i>Asterolecanium pustulans</i> —Continued					
<i>Jasminum sambac</i> (Arabian jasmine)	Hawaii.....			1	California.*
<i>Nerium oleander</i> (oleander)	Bahamas.....			1	New York.
<i>Plumeria</i> sp.	Hawaii.....			1	California.*
<i>Asterolecanium stentae</i> Brain (Coccidae):					
<i>Heurnia vogtsii</i>	Transvaal.....			1	Do.
<i>Athesapeuta cyperi</i> Mshl. (Curculionidae):					
<i>Vanda</i> sp. (orchid)	Hawaii.....	1			Hawaii.
<i>Athous haemorrhoidalis</i> (F.) (Elateridae):					
Soil around plants	England.....			1	New York.
<i>Athous niger</i> (L.) (Elateridae):					
<i>Paeonia</i> sp. (peony)	Netherlands.....			1	New Jersey.
<i>Athous subfuscus</i> (Mull.) (Elateridae):					
Soil	France.....			1	Do.
<i>Athous vittatus</i> (F.) (Elateridae):					
Soil	do.....			1	Do.
<i>Attelabus corvinus</i> Gyll. (Curculionidae):					
Orchid	Mexico.....			1	Texas.
<i>Baris coerulescens</i> (Scop.) (Curculionidae):					
<i>Raphanus sativus</i> (radish)	France.....		1		New York.
<i>Barynotus moerens</i> (F.) (Curculionidae):					
Soil around <i>Conwallaria</i> pips	England.....	1			Pennsylvania.
<i>Barypeithes araneiformis</i> Schr. (Curculionidae):					
<i>Fragaria</i> sp. (strawberry)	Ireland.....	1			Massachusetts.
<i>Bibio johannis</i> (L.) (Bibionidae):					
Soil	France.....			1	New Jersey.
<i>Blastophagus piniperda</i> (L.) (Scolytidae):					
<i>Pinus</i> sp. (pine)	Germany,..... Netherlands, Poland.	8			Alabama, New York, Texas.
Wooden strips around peat moss	Netherlands.....	1			Louisiana.
<i>Brachycerus abidentatus</i> Gyll. (Curculionidae):					
<i>Allium sativum</i> (garlic)	Italy.....	4			New York.
<i>Brachycerus algirus</i> F. (Curculionidae):					
<i>Allium sativum</i> (garlic)	do.....	6	2		Louisiana, New York, Texas.
<i>Brachyrhinus meridionalis</i> (Gyll.) (Curculionidae):					
<i>Lilium candidum</i> (Madonna lily)	France.....			1	New York.
<i>Brachyrhinus singularis</i> (L.) (Curculionidae):					
Grass and weed roots in soil ballast	Scotland.....	1			Alabama.
<i>Brachyrhinus sulcatus</i> F. (Curculionidae):					
<i>Astilbe</i> sp.	Netherlands.....			1	New Jersey.
<i>Ribes alpinum</i> (mountain currant)	do.....			1	Do.
Soil around rhododendron roots	Azores.....			1	New York.
<i>Brentus anchorago</i> (L.) (Brentidae):					
<i>Cybtisax donnell-smithii</i> (primavera)	Honduras.....	1			Louisiana.
<i>Bruchidius biguttatus fulvipennis</i> (Germ.) (Bruchidae):					
<i>Cistus</i> sp.	Turkey.....			1	District of Columbia.
<i>Bruchidius incarnatus</i> (Boh.) (Bruchidae):					
<i>Vicia faba</i> (broadbean)	Egypt,..... Lebanon.	3	1		Massachusetts, New York, Texas.
<i>Bruchidius lividimanus</i> (Gyll.) (Bruchidae):					
<i>Cytisus scoparius</i> (Scotch broom)	Italy.....			1	New Jersey.
<i>Bruchidius quinqueguttatus</i> (Oliv.) (Bruchidae):					
<i>Vicia</i> sp. (vetch)	Turkey.....	1			New York.
<i>Bruchus affinis</i> Froel. (Bruchidae):					
Grain used for monkey food	India.....		1		Georgia.
<i>Lathyrus odoratus</i> (sweet pea)	Switzerland.....			1	Ohio.
<i>Vicia</i> sp. (vetch)	France.....	1			Alabama.
<i>Bruchus atomarius</i> (L.) (Bruchidae):					
<i>Vicia faba</i> (broadbean)	Turkey.....			1	District of Columbia.

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<i>chus dentipes</i> Baudi (Bruchidae): <i>Vicia faba</i> (broadbean)-----	Lebanon-----	2	-----	-----	New Jersey, New York.
<i>chus emarginatus</i> Allard (Bruchidae): <i>Pisum sativum</i> (pea)-----	India-----	-----	-----	4	District of Columbia.
<i>chus ervi</i> Froel. (Bruchidae): <i>Lens culinaris</i> (lentil)-----	Lebanon, Italy, Syria, Turkey.	7	-----	7	District of Columbia, New Jersey, New York.
<i>Vicia ervillia</i> (bitter vetch)-----	Turkey-----	-----	-----	1	District of Columbia.
<i>chus guttalis</i> Rey (Bruchidae): <i>Vicia</i> sp. (vetch)-----	France, Mad- eira Islands, Portugal, unknown.	5	-----	-----	Michigan, New York, Ohio, Pennsylvan- ia.
<i>chus hamatus</i> Mill. (Bruchidae): <i>Vicia sativa</i> (vetch)-----	Turkey-----	-----	-----	3	District of Columbia.
<i>chus lentis</i> Froel. (Bruchidae): <i>Lens culinaris</i> (lentil)-----	Italy, Turkey--	5	-----	7	District of Columbia, New Jersey, New York.
<i>chus luteicornis</i> Ill. (Bruchidae): <i>Vicia</i> sp. (vetch)-----	Belgium, France, Italy, Switzerland.	23	-----	-----	Alabama, Louisiana, Maryland, New York, Texas.
<i>chus rufipes</i> Hbst. (Bruchidae): Legume seed-----	Turkey-----	-----	-----	2	District of Columbia.
<i>Vicia</i> sp. (vetch)-----	France, Tur- key.	1	-----	4	Alabama, Dis- trict of Col- umbia.
<i>chus signaticornis</i> Gyll. (Bruchidae): <i>Lens culinaris</i> (lentil)-----	Italy-----	7	-----	2	New Jersey, New York.
<i>chus tristiculus</i> Fahr. (Bruchidae): <i>Lathyrus odoratus</i> (sweet pea)-----	Turkey-----	-----	-----	1	District of Columbia, Texas.
<i>Vicia</i> sp. (vetch)-----	Italy-----	-----	1	-----	-----
<i>chus tristis</i> Boh. (Bruchidae): Bean-----	do-----	-----	-----	1	New York.
<i>Lathyrus sativus</i> (grass pea)-----	Turkey-----	-----	-----	1	District of Columbia.
<i>Lathyrus</i> sp.-----	Italy-----	3	-----	1	New Jersey, New York.
Legume seed-----	Turkey-----	-----	-----	1	District of Columbia.
<i>Vicia ervilia</i> (bitter vetch)-----	do-----	-----	-----	1	Do.
<i>Vicia faba</i> (broadbean)-----	Italy-----	1	-----	-----	New York.
<i>Vicia</i> sp. (vetch)-----	Netherlands--	1	-----	-----	Missouri.
<i>chus ulicis</i> Muls. (Bruchidae): <i>Vicia ervilia</i> (bitter vetch)-----	Turkey-----	-----	-----	2	District of Columbia.
<i>Vicia sativa</i> (vetch)-----	do-----	-----	-----	1	Do.
<i>idium violaceum</i> (L.) (Ceramby- lae): <i>Picea</i> sp. (spruce)-----	Finland, Sweden.	3	-----	-----	New York.
<i>Pinus</i> sp. (pine)-----	Finland, Germany, Sweden.	6	-----	-----	Louisiana, New York.
Wood-----	Norway-----	2	-----	-----	Oregon.
<i>igrapha argus</i> Stal (Chrysomelidae): Orchid-----	Mexico-----	-----	-----	1	Texas.
<i>igrapha elegantula</i> Jac. (Chrysomeli- e): <i>Cattleya</i> sp. (orchid)-----	Costa Rica---	-----	-----	1	Florida.
<i>irhytis sonorae</i> Weld (Cynipidae): <i>Quercus</i> sp. (oak)-----	Mexico-----	21	-----	-----	Arizona.

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		Consumption	Non-entry	Propagation	
<i>Callosobruchus ademptus</i> (Sharp) (Bruchidae): <i>Pueraria thunbergiana</i> (kudzu-bean)	Japan			2	New Jersey, Washington
<i>Callosobruchus analis</i> (F.) (Bruchidae): <i>Cicer arietinum</i> (chickpea)	India			1	District of Columbia, Do.
<i>Phaseolus aureus</i>	do.			1	
<i>Callosobruchus chinensis</i> (L.) (Bruchidae): Bean	China, Italy, Philippines.	4			Hawaii, Illinois, New York.
<i>Cajanus cajan</i> (pigeonpea)	British Guiana, British West Indies, Jamaica, Philippines, Puerto Rico.	6		3	Florida, New Jersey, New York, Pennsylvania.
<i>Cicer arietinum</i> (chickpea)	India, Italy, Puerto Rico.	5	2		Georgia, New York.
<i>Cordylone terminalis</i> (tl)	Hawaii	1			Hawaii.
<i>Dolichos biflorus</i> (twinflower dolichos)	India			3	District of Columbia, Do.
<i>Glycine max</i> (soybean) "Gramme"	China, India		1	3	Georgia.
<i>Lathyrus</i> sp.	do.			1	District of Columbia, Do.
Legume seed	Philippines			1	New Jersey.
Mixed grain	India		1		Georgia.
<i>Phaseolus aureus</i> (mung bean)	do.			5	District of Columbia, Do.
<i>Phaseolus vulgaris</i> (kidney bean)	do.			2	Do.
<i>Phaseolus</i> sp.	India, Italy	1		2	District of Columbia, New York.
<i>Pisum</i> sp.	China			1	District of Columbia, Missouri.
Seed	Philippines			2	Missouri.
<i>Vicia faba</i> (broad bean)	Italy	2			New York.
<i>Vigna sesquipedalis</i> (asparagus bean)	Japan			1	Washington.
<i>Vigna sinensis</i> (cowpea)	India, Jamaica, Philippines.	2		3	District of Columbia, New Jersey, New York.
<i>Vigna</i> sp.	Italy	1			New York.
<i>Callosobruchus maculatus</i> (F.) (Bruchidae): Bean	Mexico, Nigeria, Norway, Turkey.		2	2	District of Columbia, Florida, Texas.
<i>Cajanus cajan</i> (pigeonpea)	Barbados, Jamaica, Venezuela.	3		1	New York.
<i>Cicer arietinum</i> (chickpea)	India, Turkey		2	1	District of Columbia, New York.
<i>Hibiscus esculentus</i> (okra)	Turkey			1	District of Columbia, Texas.
<i>Lathyrus</i> sp.	Greece			2	Texas.
Legume seed	Turkey			1	District of Columbia, Arizona, District of Columbia, Texas.
<i>Phaseolus aureus</i> (mung bean)	Mexico, Turkey.	1		1	Arizona, District of Columbia, Texas.
<i>Phaseolus lunatus macrocarpus</i> (lima bean)	Spain		1		Texas.
<i>Phaseolus vulgaris</i> (kidney bean)	Turkey			1	District of Columbia, New York.
<i>Phaseolus</i> sp.	Italy	1			New York.
<i>Pisum sativum</i> (pea)	Norway, Trinidad, unknown.	1	2		Oregon, Texas.

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<i>Osobruclus moculatus</i> —Continued					
<i>Vigna sinensis</i> (cowpea).....	Canal Zone,--- Nigeria, Turkey.	4	-----	3	District of Columbia, New York.
<i>Vigna</i> sp.....	Egypt, Nigeria	2	-----		New Jersey, New York.
<i>Osobruclus phaseoli</i> (Gyll.) (bruchidae):					
<i>Dolichos lablab</i> (hyacinth-bean).....	Hawaii, India, Jamaica.	2	-----	3	District of Columbia, Hawaii, New York.
<i>Dolichos</i> sp.	Jamaica.....	1	-----		New Jersey.
<i>Viris conicus</i> (Germar) (Pentatomi- de):					
<i>Chrysanthemum</i> sp.....	Mexico.....	1	-----		Texas.
Orchid.....	do.....			1	Do.
<i>Edon fuscus</i> Goeze (Bruchidae):					
<i>Cassia javanica</i> (appleblossom senna)	Hawaii.....	1	-----		Hawaii.
<i>Cassia</i> sp.....	do.....	1	-----		Do.
<i>Tamarindus indica</i> (tamarind)	India.....		2		Virginia.
<i>Ida nebulosa</i> L. (Chrysomelidae):					
Woods moss around rose cutting	Germany.....			1	New Jersey.
<i>Platus fabricii</i> Stal (Tingidae):					
Woods moss.....	France.....			1	Do.
<i>Oophilus latinasus</i> Say (Curculioni- de):					
<i>Persea americana</i> (avocado).....	Mexico.....			1	Texas.
<i>io lineata</i> (F.) (Sphingidae):					
<i>Portulaca oleracea</i> (purslane).....	do.....	10	-----		Do.
<i>Zea mays</i> (corn).....	do.....	1	-----		Do.
<i>Alloeceus scarabaeoides</i> (F) (Pentato- dae):					
Soil around roots of citrus seedlings	Morocco.....			2	Virginia.
<i>titis capitata</i> (Wied.) (Tephritidae):					
<i>Carica papaya</i> (papaya).....	Hawaii.....	1	-----		Washington.
<i>Citrus paradisi</i> (grapefruit)	Cyprus,--- Egypt, Hawaii, Italy, Mor- occo, Union of South Af- rica, Uru- guay.	1	9		Alabama, New York, Penn- sylvania, Texas.
<i>Citrus reticulata</i> (tangerine).....	Italy,--- Portugal, Spain.	10	4		Florida*, Massachu- setts, New York.
<i>Citrus sinensis</i> (orange).....	Algeria,--- Azores, Brazil, Cyprus, Egypt, Italy, Portu- gal, Spain, Union of South Africa.	11	22		Florida*, Louisiana, Maryland, Massachu- setts, New York, Penn- sylvania, Texas, Virginia.
<i>Coffea</i> sp. (coffee).....	Brazil, Hawaii	5	-----		New York, Hawaii.
<i>Cydonia oblonga</i> (quince).....	Italy.....	4	-----		New York.
<i>Diospyros</i> sp. (persimmon).....	do.....	2	-----		Massachusetts, New York.
<i>Eriobotrya japonica</i> (loquat)	Azores, Italy	3	-----		Massachusetts, New York.
<i>Ficus carica</i> (fig).....	Azores, Italy, unknown.	5	-----		Illinois, Massa- chusetts, New York.
<i>Lycopersicon esculentum</i> (tomato).....	Hawaii.....		1		Mississippi.
<i>Malus sylvestris</i> (apple).....	Azores, Italy, Spain.	4	1		New York, Pennsylvan- ia, Puerto Rico.
<i>Mangifera indica</i> (mango).....	Brazil.....	1	-----		Virginia.
<i>Mespilus germanica</i> (medlar).....	Italy.....	1	-----		Massachusetts.
<i>Opuntia compressa</i> (pricklypear).....	do.....	6	-----		New York.

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Insect and host	Country of origin	Number of interceptions in—			Collected in
		Consumption	Non-entry	Propagation	
<i>Ceratitidis capitata</i> —Continued					
<i>Passiflora edulis</i> (purple granadilla).....	Azores, Cape Verde Islands.	1	-----	-----	New York.
<i>Prunus armeniaca</i> (apricot).....	France.....	1	2	-----	Massachusetts, New York.
<i>Prunus domestica</i> (plum).....	Greece.....	-----	1	-----	New York.
<i>Prunus persica</i> (peach).....	Algeria, France, Italy, Lebanon, Morocco, Portugal, Spain.	5	9	-----	Florida*, Illinois, New York, Pennsylvania, Texas.
<i>Psidium guajava</i> (guava).....	Palestine.....	1	-----	-----	New York.
<i>Punica granatum</i> (pomegranate).....	Italy.....	2	-----	-----	Do.
<i>Pyrus communis</i> (pear).....	Italy, Portugal, Spain, unknown.	5	5	-----	Illinois, Massachusetts, New York, Pennsylvania.
<i>Vitis</i> sp. (grape).....	Argentina, Madeira Islands, Portugal.	2	1	-----	Louisiana, Massachusetts, Pennsylvania.
With contraband containing oranges and <i>Citrus</i> sp.	Lebanon.....	1	-----	-----	New York.
<i>Ceratitidis capitata</i> (Wied.) (?) (Tephritidae):					
<i>Citrus limon</i> (lemon).....	Italy.....	-----	1	-----	Pennsylvania.
<i>Citrus paradisi</i> (grapefruit).....	Cyprus (?), Morocco.	-----	3	-----	New York, Pennsylvania, Texas.
<i>Citrus sinensis</i> (orange).....	Brazil, Union of South Africa.	2	3	-----	New York, Texas.
<i>Prunus armeniaca</i> (apricot).....	Syria.....	1	-----	-----	New York.
<i>Prunus domestica</i> (plum).....	Portugal.....	1	-----	-----	Massachusetts.
<i>Prunus persica</i> (peach).....	Italy, Morocco.	-----	2	-----	South Carolina, Virginia.
<i>Psidium guajava</i> (guava).....	Madeira Islands.	1	-----	-----	Massachusetts.
<i>Pyrus communis</i> (pear).....	France.....	1	-----	-----	Virginia.
<i>Vitis</i> sp. (grape).....	Argentina.....	1	-----	-----	Louisiana.
<i>Cero-plastes ceriferus</i> (And.) (Coccidae):					
<i>Acer</i> sp. (maple).....	Japan.....	-----	-----	1	California*.
<i>Crataegus</i> sp.....	do.....	-----	-----	1	Do.
<i>Malus</i> sp.....	do.....	-----	-----	1	Do.
<i>Cero-plastes japonicus</i> Green (Coccidae):					
<i>Chaenomeles lagenaria</i> (Japanese quince)	do.....	-----	-----	1	Washington.
<i>Rhododendron</i> sp.....	do.....	-----	-----	1	Do.
<i>Cero-plastes rubens</i> Mask. (Coccidae):					
<i>Alyxia olivaeformis</i> (maile alyxia)	Hawaii.....	1	-----	-----	California*.
<i>Anthurium</i> sp.....	do.....	2	-----	1	Do.
<i>Camellia japonica</i> (camellia)	Japan.....	-----	-----	1	Florida*.
<i>Chaenomeles</i> sp.....	do.....	-----	-----	1	Washington.
<i>Zantedeschia</i> sp. (?).....	Hawaii.....	1	-----	-----	California*.
<i>Cero-plastes rusci</i> (L.) (Coccidae):					
<i>Ficus carica</i> (fig).....	Italy, Palestine.	-----	-----	2	New Jersey, New York.
<i>Chaetoclusia bakeri</i> Coq. (Cluslidae):					
Airplane.....	Nicaragua.....	-----	1	-----	Texas.
<i>Chaetocnema concinna</i> (Mshl.) (Chrysomelidae):					
<i>Rosa</i> sp.....	Germany.....	1	-----	-----	New York.
<i>Chaetocnema hortenensis</i> (Fourc.) (Chrysomelidae):					
Sphagnum packing around lily-of-the-valley pips.	Denmark.....	-----	-----	1	Do.
<i>Chalcodermus dentiferus</i> Faust (Curculionidae):					
<i>Ananas comosus</i> (pineapple).....	Mexico.....	1	-----	-----	Texas.

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<i>Chrysomelidae</i> : <i>Bromellid</i>	do.....			1	Texas.
<i>Silo simplex</i> (Btlr.) (Crambidae): <i>Oryza sativa</i> (rice).....	China, Japan.....	13			California*, Louisiana, Massachu- setts, New York, Penn- sylvania, Texas, Washington.
<i>Silo simplex</i> (Btlr.) (?) (Crambidae): <i>Leersia</i> sp.....	Japan.....	3			Pennsylvania.
<i>Chionaspis asiatica</i> Arch. (Coccidae): <i>Prunus</i> sp. (plum).....	Afghanistan.....			1	District of Columbia. Do.
<i>Punica granatum</i> (pomegranate).....	do.....			1	
<i>Chionaspis</i> " <i>exalbida</i> Ckll. (Coccidae): <i>Aloe claviflora</i>	Transvaal.....			1	California.*
<i>Haworthia</i> sp.....	Southwest Af- rica.....			2	District of Columbia. Do.
Succulent.....	do.....			1	
<i>Chionaspis</i> " <i>humilis</i> Brain (Coccidae): <i>Aloe</i> sp.....	Union of South Africa.....			1	California.*
<i>Chionaspis</i> " <i>indigoferae</i> (Hall) (Coccl- idae): Cotyledon.....	do.....			1	Do.
<i>Crassula congesta</i>	do.....			1	Do.
<i>Heurnia hystrix</i>	do.....			1	Do.
Shrub.....	do.....			1	Do.
<i>Stapelia namaquensis</i>	do.....			1	Do.
<i>Chionaspis</i> " <i>leucadendri</i> Brain (Coccl- idae): <i>Leucadendron</i> sp.....	do.....	1			New Jersey.
<i>Thrips manicatus</i> Hal. (Thripidae): <i>Danthonia glauca</i>	Pretoria.....			1	District of Columbia.
<i>Crysoclista atra</i> (Haw.) (Cosmoptery- gidae): <i>Malus sylvestris</i> (apple).....	Sweden.....		1		New York.
<i>Crysomela americana</i> L. (Chrysomeli- idae): <i>Rosmarinus</i> sp. (rosemary).....	Italy.....		1		Louisiana.
<i>Crysomphalus abopictus</i> (Ckll.) (Coccl- idae): <i>Cocos nucifera</i> (coconut).....	Mexico.....	1			California.*
<i>Musa paradisica sapientum</i> (banana).....	Costa Rica.....	1			Do.
<i>Persea americana</i> (avocado).....	Mexico.....	2			Texas.
<i>Philodendron</i> sp.....	Guatemala, Mexico.....			2	California, Texas.
<i>Crysomphalus nigropunctatus</i> (Ckll.) (Coccidae): <i>Laelia autumnalis</i> (orchid).....	Costa Rica.....			1	Texas.
<i>Laelia majalis</i>	Mexico.....			1	Do.
<i>Laelia</i> sp.....	do.....			1	Do.
<i>Crysomphalus personatus</i> (Comst.) (Coccidae): <i>Citrus aurantifolia</i>	Costa Rica.....		1		California.*
<i>Citrus sinensis</i> (orange).....	Brazil.....		1		Do.
<i>Cocos nucifera</i> (coconut).....	Costa Rica.....		1		Do.
<i>Persea americana</i> (avocado).....	Mexico.....	1			Texas.
<i>Crysomphalus scutiformis</i> (Ckll.) (Coccidae): <i>Gardenia augusta</i> (gardenia).....	Mexico.....	1			California.*
<i>Musa paradisica sapientum</i> (banana).....	Costa Rica.....	2			Do.
<i>Tamarindus indica</i> (tamarind).....	Mexico.....	1			Arizona.
<i>Crysomphalus tenax</i> (McKenzie) (Coccidae): <i>Cattleya</i> sp. (orchid).....	Guatemala.....			1	California.*
<i>Monstera</i> sp.....	do.....			2	California*, New Jersey.
<i>Philodendron</i> sp.....	do.....			11	California.*

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<i>Chrysomphalus umboniferus</i> (Newst.) (Coccidae):					
<i>Anthurium</i> sp.	Canal Zone			1	Florida.
<i>Musa paradisiaca sapientum</i> (banana)	Costa Rica	1			California.*
<i>Oncidium panamense</i> (orchid)	Canal Zone			2	Florida, New Jersey.
Orchid	Mexico			1	Texas.
<i>Clerada apicornis</i> Signoret (Lygaeidae):					
<i>Ananas</i> sp.	Colombia			1	District of Columbia, Hawaii.
<i>Macadamia</i> sp.	Hawaii	1			
<i>Cligens delineata</i> (Dist.) (Lygaeidae):					
Orchid	Guatemala			1	New Jersey.
<i>Coccotrypes carpophagus</i> (Horn.) (Scolytidae):					
<i>Annona muricata</i> (soursop)	Trinidad			1	Oregon.
<i>Coccotrypes dactyliperda</i> (F.) (Scolytidae):					
<i>Phoenix dactylifera</i> (date)	India, Tunisia, Turkey.	1	1	1	District of Columbia, New York.
<i>Phytelephas</i> sp. (ivory palm)	Panama	1			New York.
<i>Sabal umbraculifera</i>	Trinidad	1		1	New Jersey, Pennsylvania.
<i>Coccotrypes pygmaeus</i> Elchh. (Scolytidae):					
Tree seed	Brazil			1	Florida.
<i>Coccus capparadis</i> (Green) (Coccidae):					
<i>Cypripedium villosum</i> (orchid)	India			1	New Jersey.
<i>Cypripedium</i> sp.	do.			1	Do.
<i>Coccus pseudohesperidum</i> (Ckll.) (Coccidae):					
<i>Cattleya</i> sp. (orchid)	Guatemala			1	Texas.
<i>Coccus viridis</i> (Green) (Coccidae):					
<i>Bryophyllum</i> sp.	Hawaii			1	California.*
<i>Citrus aurantifolia</i> (sour lime)	Trinidad	1			Florida.*
<i>Citrus tankan</i>	China			1	District of Columbia, California.*
<i>Gardenia augusta</i> (gardenia)	Bahamas, Cuba, Hawaii, Panama, Venezuela.	12			Florida*, New York.
<i>Jasminum</i> sp.	Hawaii			1	California*.
Plant leaf	Trinidad			1	Florida.
<i>Psidium guajava</i> (guava)	Puerto Rico	1			New York.
<i>Coelosternus consputus</i> Boh. (Curculionidae):					
Log	Mexico	1			California.*
Orchid	do.			1	Arizona.
<i>Conchaspis angraeci</i> Ckll. (Coccidae):					
Branch	do.	1			Texas.
<i>Laelia anceps</i> (orchid)	do.			1	Do.
Orchid	Cuba, Venezuela.			2	Florida.
<i>Peristeria elata</i> (orchid)	Canal Zone			1	Texas.
<i>Conotrachelus aguacatae</i> Barber (Curculionidae):					
<i>Persea americana</i> (avocado)	Mexico	206			Do.
<i>Conotrachelus integer</i> Csy. (Curculionidae):					
<i>Quercus</i> sp. (oak)	do.	2			Do.
<i>Conotrachelus perseae</i> Barber (Curculionidae):					
<i>Persea americana</i> (avocado)	Costa Rica, Guatemala, Honduras, Mexico.	5	3		Louisiana, Texas.
<i>Coptosoma cribraria</i> (F.) (Pentatomidae):					
<i>Camellia</i> sp.	China			1	California.*
<i>Cosmopolites sordidus</i> (Germ.) (Curculionidae):					
<i>Musa paradisiaca sapientum</i> (banana)	Honduras			3	Louisiana.

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<i>Ocidosema plebiana</i> Zell. (Olethreuti- dae):					
<i>Hibiscus esculentus</i> (okra).....	Cuba, Puerto Rico.	4			Florida,* Louisiana, Virginia.
<i>Opophis scabrosus</i> Uhler (Lygaeidae):					
<i>Agave</i> sp.....	Mexico.....			1	Arizona.
Orchid.....	do.....			1	Do.
<i>Pythula apicatus</i> (Dist.) (Lygaeidae):					
Orchid.....	do.....			2	Texas.
<i>Pyptoblabes gnidiella</i> (Mill.) (Phyciti- dae):					
<i>Citrus sinensis</i> (orange).....	Egypt.....		1		Pennsylvania.
<i>Punica granatum</i> (pomegranate).....	Greece, Italy, Lebanon, Turkey.	11			Maryland, Massachu- setts, New York.
<i>Vitis</i> sp. (grape).....	Madeira Is- lands.	1			Pennsylvania.
<i>Pyptocephalus krugii</i> Weise (Chryso- melidae):					
<i>Rosa</i> sp. (rose).....	Dominican Republic.	1			Puerto Rico.
<i>Pyptocephalus nigrocinctus</i> Suffr. (Chry- somelidae):					
<i>Cajanus cajan</i> (pigeonpea).....	Puerto Rico.....	1			New York.
<i>Pyptoparlatoria leucaspis</i> Ldgr. (Cocci- dae):					
<i>Juniperus</i> sp. (juniper).....	Japan.....			1	Washington.
<i>Pyptorkynchus mangiferae</i> (F.) (Curcu- lionidae):					
<i>Mangifera indica</i> (mango).....	Hawaii, India.	23	2	1	California*, Hawaii, New York.
<i>Persea americana</i> (avocado).....	Hawaii.....			1	California.*
<i>Pyptotermes brevis</i> (Wlk.) (Kalotermi- cidae):					
Wood.....	Hawaii, Hon- duras.	2			Hawaii, Louisiana.
<i>Enicera aeneus</i> (L.) (Elateridae):					
Soil used as ballast.....	Belgium.....		1		New York.
<i>Curculio q-griseae</i> Chttn. (Curculioni- dae):					
<i>Quercus</i> sp. (oak).....	Mexico.....	8			Arizona, Texas.
<i>Las ferromalis</i> Faust (Curculionidae):					
<i>Ipomoea batatas</i> (sweetpotato).....	Sierra Leone, West Africa.	1	1		Massachu- setts, New York.
<i>Las formicarius</i> F. (Curculionidae):					
<i>Ipomoea batatas</i> (sweetpotato).....	India.....		1		New York.
<i>Las formicarius elegantulus</i> (Summers) (Curculionidae):					
<i>Ipomoea batatas</i> (sweetpotato).....	American Vir- gin Islands, Cuba, Dom- inican Re- public, Mex- ico, Puerto Rico, Virgin Islands.	50	7		Florida*, Louisiana, New York, Pennsylvan- ia, Texas.
<i>Las formicarius</i> (F.) var. (Curculioni- dae):					
<i>Ipomoea batatas</i> (sweetpotato).....	Fiji, Hawaii, India, Iraq, Siam.	1	6	1	District of Col- umbia, New York, Penn- sylvania.
<i>Las puncticollis</i> Boh. (Curculionidae):					
<i>Ipomoea batatas</i> (sweetpotato).....	Mozambique, Sierra Leone, West Africa.	1	4		Massachusetts, New York, Virginia.
<i>Rhopeltis varians</i> (Dist.) (Miridae):					
<i>Raphanus sativus</i> (radish).....	Mexico.....	1			Texas.
<i>Cyrtolophus uytenboogaarti</i> Eggers (Scolytidae):					
<i>Schefflera delavayi</i>	France.....			1	New Jersey.

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<i>Dacus cucurbitae</i> (Coq.) (Tephritidae): <i>Cucumis sativus</i> (cucumber)-----	Hawaii, Straits Set- tlements.	-----	4	-----	California*.
<i>Cucurbita maxima</i> (squash)-----	Hawaii	-----	1	-----	Do.
<i>Lycopersicon esculentum</i> (tomato)---	do	1	12	-----	California*, Louisiana, Mississippi, Oregon, Texas, Washington.
<i>Dacus cucurbitae</i> (Coq.) (?) Tephritidae): <i>Cucumis sativus</i> (cucumber)-----	do	-----	1	-----	California.*
<i>Cucurbita</i> sp. (squash)-----	do	-----	1	-----	Do.
<i>Lycopersicon esculentum</i> (tomato)---	do	-----	2	-----	California*, Texas
<i>Phaseolus vulgaris</i> var. (string bean).-----	do	-----	1	-----	California.*
<i>Dacus dorsalis</i> Hend. (Tephritidae): Airplane-----	do	-----	31	-----	Hawaii.
<i>Carica papaya</i> (papaya)-----	do	1	-----	-----	Do.
<i>Cocos nucifera</i> (coconut)-----	do	1	-----	-----	Do.
<i>Coffea</i> sp. (coffee)-----	do	1	-----	-----	Do.
<i>Diospyros kaki</i> (Japanese persimmon)-----	do	1	-----	-----	Do.
<i>Garcinia rubra</i> -----	do	1	-----	-----	Do.
<i>Heliconia</i> sp.-----	do	1	-----	-----	Do.
<i>Litchi chinensis</i> (lychee)-----	do	2	-----	-----	California*, Hawaii.
<i>Lycopersicon esculentum</i> (tomato)---	do	-----	1	-----	California*.
<i>Mangifera indica</i> (mango)-----	Hawaii, India	3	-----	-----	California*, Hawaii, New York.
<i>Musa paradisiaca sapientum</i> ----- (banana)	Hawaii	3	5	-----	California.*
<i>Persea americana</i> (avocado)-----	do	2	-----	-----	Hawaii.
<i>Psidium guajava</i> (guava)-----	do	5	-----	-----	California*, Hawaii.
<i>Solanum aculeatissimum</i> (soda-apple nightshade)-----	do	1	-----	-----	Hawaii.
<i>Spondias cytherea</i> (vi-apple)-----	do	1	-----	-----	Do.
<i>Terminalia catappa</i> (tropical almond)-----	do	1	-----	-----	Do.
<i>Zingiber</i> sp. (ginger)-----	do	1	-----	-----	Do.
<i>Dacus dorsalis</i> Hend. (?) (Tephritidae): <i>Cocos nucifera</i> (coconut)-----	do	1	-----	-----	Do.
<i>Ficus carica</i> (fig)-----	do	1	-----	-----	California.*
<i>Lycopersicon esculentum</i> (tomato)---	do	-----	1	-----	Do.
<i>Ochrosia</i> sp.-----	Guam	1	-----	-----	Hawaii.
<i>Dacus oleae</i> (Gmel.) (Tephritidae): <i>Olea europaea</i> (olive)-----	Azores, Italy, Lebanon, Portugal, unknown.	18	2	-----	Massachusetts, New York, Pennsylvania, Texas.
<i>Dalopius marginatus</i> (L.) (Elateridae): <i>Calluna vulgaris</i> (heather)-----	Scotland	-----	-----	1	Washington.
<i>Rhododendron</i> sp.-----	Belgium	-----	-----	1	New Jersey.
Soil around plants.-----	Belgium, Eng- land.	-----	-----	5	New Jersey, Washington.
<i>Deloyala guttata</i> (Oliv.) (Chrysomelidae): Orchid-----	Mexico	-----	-----	1	Texas.
<i>Dendrobella sericans</i> Lec. (Bostrichidae): <i>Acacia farnesiana</i> -----	do	1	-----	-----	Do.
<i>Deraeocoris lutescens</i> (Schill.) (Miridae): Soil and woods moss.-----	France	-----	-----	1	New Jersey.
<i>Dercynus micronyx</i> Champ. (Curculioni- dae): <i>Brownea grandiflora</i> -----	Trinidad	-----	-----	1	New York.
<i>Diabrotica speciosa</i> (Germ.) (Chryso- melidae): <i>Brassica oleracea capitata</i> (cabbage)---	Brazil	-----	1	-----	Texas.
<i>Dialeurodes chittendeni</i> Laing (Aleyro- didae): <i>Rhododendron</i> sp.-----	British Col- umbia.	-----	-----	1	Washington.
<i>Dialeurodes citri</i> (Ashm.) (Aleyrodidae): <i>Citrus</i> sp.-----	Mexico	1	-----	-----	Texas.
<i>Gardenia augusta</i> (gardenia)-----	do	-----	-----	1	Do.
<i>Gardenia</i> sp.-----	China	-----	-----	1	California*.

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<i>Leurodes kirkaldyi</i> (Kot.) (Aleyrodidae):					
<i>Jasminum sambac</i> (Arabian jasmine)	Hawaii			1	California.
<i>Jasminum</i> sp.	China, Hawaii, Syria, China			3	California*, New York.
<i>Syringa</i> sp.	China			1	California*.
<i>Phania hyalinata</i> (L.) (Pyraustidae):					
<i>Cucumis sativus</i> (cucumber)	Cuba		1		Louisiana.
<i>Cucurbita maxima</i> (squash)	Mexico	6			Texas.
<i>Cucurbita pepo</i> (pumpkin)	do	4			Do.
Herb	Puerto Rico	1			New York.
<i>Phania nitidalis</i> (Stoll) (Pyraustidae):					
<i>Cucumis melo</i> (cantaloupe)	Cuba, Mexico	2	1		New York, Texas.
<i>Cucumis sativus</i> (cucumber)	Argentina, Brazil, Colombia, Cuba, Mexico, Trinidad, Venezuela.	2	11		Alabama, Louisiana, New York, Texas, Virginia.
<i>Cucurbita mazima</i> (squash)	Mexico	20			Arizona, Texas.
<i>Cucurbita pepo</i> (pumpkin)	do	5			Texas.
<i>Sechium edule</i> (chayote)	Dominican Republic, Puerto Rico.	5	1		Florida*, New York.
<i>Prepes abbreviatus</i> (L.) (Curculionidae):					
Airplane	Unknown		1		New York.
<i>Prepes famelicus</i> (Ol.) (Curculionidae):					
<i>Zinnia</i> sp.	Bermuda		1		Do.
<i>Raia saccharalis</i> (F.) (Crambidae):					
<i>Saccharum officinarum</i> (sugarcane)	Mexico, Puerto Rico.	2			New York, Texas.
<i>Sorghum vulgare technicum</i> broom-corn)	Argentina	3			Louisiana, New York.
<i>Zea mays</i> (corn)	Puerto Rico	2			Florida*, New York.
<i>Epidius corvinus</i> Cand. (Elateridae):					
<i>Portulaca oleracea</i> (purslane)	Mexico	1			Texas.
<i>Oderus bifoveolatus</i> (Woll.) (Bostrichidae):					
<i>Lonchocarpus</i> sp. (cube root)	Brazil	1			New York.
<i>Serjania mexicana</i> (barbasco)	Brazil, Chile	3			Do.
<i>Oderus brevis</i> (Horn) (Bostrichidae):					
Bamboo	India (?)	2			Louisiana.
Wood	India	1			New York.
<i>Calandra tailensis</i> Guer. (Curculionidae):					
<i>Cocos nucifera</i> (coconut)	Hawaii	1			Hawaii.
<i>Mymerellus laevimargo</i> Champ. (Curculionidae):					
<i>Laelia</i> sp. (orchid)	Mexico			1	Texas.
Orchid	do			7	Do.
<i>Atifera ozleyi</i> Newm. (Limacodidae):					
<i>Brachychiton acerifolius</i> (Victorian bottle-tree).	Australia			1	Hawaii.
<i>Eculiacephala clypeata</i> Osb. (Cicadellidae):					
Log	Costa Rica	1			South Carolina.
<i>Mus sylbaticus</i> (F.) (Lygaeidae):					
Woods moss around rose roots	Ireland			1	New Jersey.
<i>Opophorus corticalis</i> (Payk.) (Curculionidae):					
<i>Populus</i> sp.	Italy	1			New York.
<i>Deroceras mimulus</i> Hussey (Pyrrhocoridae):					
<i>Capsicum frutescens</i> (pepper)	Mexico	2			Texas.
<i>Lycopersicon esculentum</i> (tomato)	do	6			Do.
<i>Ides obscurus</i> Perty (Bostrichidae):					
Wood	Brazil	1			New York.

List of pests (insects) collected and reported from July 1, 1948, to June 30, 1949, inclu—
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Insect and host	Country of origin	Number of interceptions in—			Collected in
		Con-sump-tion	Non-entry	Prop-aga-tion	
<i>Ensina hyalipennis</i> Bezzi (Tephritidae): <i>Tripteris pachypteris</i> -----	Union of South Africa.	-----	-----	1	District of Columbia
<i>Ensina ignobilis</i> (Loew) (Tephritidae): <i>Tripteris pachypteris</i> -----	do-----	-----	-----	1	Do.
<i>Epicaerus cognatus</i> Sharp (Curculioni- dae): <i>Solanum tuberosum</i> (potato)-----	Mexico-----	1	3	1	Louisiana, District of Columbia, Texas.
<i>Epidiaspis piricola</i> (Del Guer.) (Cocci- dae): <i>Malus sylvestris</i> (apple)-----	France, Italy	1	-----	4	District of Columbia, New York
<i>Prunus domestica</i> (plum)-----	Chile-----	1	-----	-----	New York
<i>Pyrus</i> sp.-----	Italy-----	-----	-----	1	District of Columbia
<i>Epilachna varivestris</i> Muls. (Coccinelli- dae): Bromeliad-----	Mexico-----	-----	-----	1	Texas.
<i>Epinotia opposita</i> Hein. (Olethreutidae): <i>Phaseolus vulgaris</i> var. (string bean)	Brazil, Mex- ico, Peru.	10	5	-----	Louisiana, Texas.
<i>Ereunetis flavistriata</i> Wlsm. (Tineidae): <i>Cocos nucifera</i> (coconut)-----	Hawaii-----	1	1	-----	California, Washington
<i>Ernopus tiliae</i> (Panz.) (Scolytidae): <i>Tilia</i> sp.-----	France-----	1	-----	-----	New York.
<i>Eucalandra setulosa</i> Gyll. (Curculioni- dae): <i>Lycopersicon esculentum</i> (tomato)---	Mexico-----	1	-----	-----	Texas.
<i>Eucalymnatus tessellatus</i> (Sign.) (Cocci- dae): <i>Alyxia olivaeformis</i> (maile alyxia)---	Hawaii-----	1	-----	-----	California.*
<i>Gardenia augusta</i> (gardenia)-----	Mexico-----	2	-----	-----	Texas.
<i>Euleia heraclei</i> (L.) (Tephritidae): <i>Apium graveolens</i> (celery)-----	England-----	-----	1	-----	Do.
<i>Eumysia stigmella</i> (Dyar) (Phycitidae): <i>Echeveria</i> sp.-----	Mexico-----	-----	-----	2	California.*
<i>Eurydema ornatum</i> (L.) (Pentatomidae): <i>Brassica oleracea capitata</i> (cabbage)---	Italy-----	-----	1	-----	New York.
<i>Eurytoma onobrychidis</i> Nikolsky (Eury- tomidae): <i>Onobrychis viciaefolia</i> -----	Turkey-----	-----	-----	1	District of Columbia
<i>Eurytoma orchidearum</i> (Westw.) (Eury- tomidae): <i>Cattleya gigas</i> (orchid)-----	Colombia-----	-----	-----	2	Florida.
<i>Cattleya mossiae</i> -----	Venezuela-----	-----	-----	1	Do.
<i>Cattleya trianae</i> -----	Colombia-----	-----	-----	1	Do.
<i>Cattleya</i> sp.-----	Brazil, Colom- bia, Trini- dad, Venez- uela.	-----	-----	36	Florida, New Jersey
Orchid-----	Brazil-----	-----	-----	1	New Jersey.
<i>Eusepes postfasciatus</i> Fairm. (Curcul- ionidae): <i>Ipomoea batatas</i> (sweetpotato)-----	American Vir- gin Islands, Brazil, Col- ombia, Fiji Islands, Ha- waii, Puerto Rico, Trini- dad, Virgin Islands.	20	12	2	California*, District of Columbia, Hawaii, Louisiana, New York Texas.
<i>Eutornus congener</i> Woll. (Curculioni- dae): Orchid-----	India-----	-----	-----	1	California.*
<i>Eutreta xanthochaeta</i> Aldr. (Tephritidae): <i>Vanda</i> sp. (orchid)-----	Hawaii-----	1	-----	-----	Hawaii.
<i>Euxesta annonae</i> F. (Otitidae): <i>Lycopersicon esculentum</i> (tomato)---	Mexico-----	1	-----	-----	Texas.
<i>Euxesta stigmatias</i> Loew (Otitidae): <i>Zea mays</i> (corn)-----	Guatemala-----	1	-----	-----	New York.

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		Con- sump- tion	Non- entry	Prop- aga- tion	
<i>ergestis forficalis</i> (L.) (Pyraustidae): <i>Brassica oleracea capitata</i> (cabbage)	England, Italy, Nether- lands.		3		New York Virginia.
<i>ergestis rimosalis</i> (Gn.) (Pyraustidae): <i>Brassica oleracea capitata</i> (cabbage)	Mexico		1		Texas. Do.
<i>Rorippa nasturtium-aquaticum</i> (watercress)	do	1			
<i>Illis longicornis</i> Pasc. (Anthribidae): Vine	Philippines	1			Washington
<i>osoma lusitanica</i> L. (Chrysomelidae): <i>Muscari comosum</i> (cipollino)	Morocco	1			New York
<i>ptochiomeria oblonga</i> (Stal) (Lygae- ae)	Mexico	1			Arizona. Arizona, Texas.
<i>Lycopersicon esculentum</i> (tomato)	do			2	
<i>ptochiomeria tumens</i> (Stal) (Lygae- ae): Orchid	do			2	Texas.
<i>risiana virgata</i> (Ckll.) (Coccidae): <i>Catasetum viridiflavum</i> (orchid)	Canal Zone			1	New Jersey. California*.
<i>Cocos nucifera</i> (coconut)	Guam	1			California*.
<i>Codiaeum variegatum</i> (croton)	Bahamas, Philippines.		1	1	New York. California*.
<i>Elettaria speciosa</i>	Hawaii	1			Do.
<i>Epidendrum</i> sp. (orchid)	Guatemala			1	Hawaii.
<i>Gardenia augusta</i> (gardenia)	Siam		1		California*.
<i>Laelia superbiens</i> (orchid)	Costa Rica			1	New Jersey.
<i>Lycaste candida</i> (orchid)	Canal Zone			1	California*.
<i>Mammillaria</i> sp. (cactus)	Mexico			1	New Jersey.
<i>Monstera</i> sp.	Guatemala			1	California*.
Orchid	Bintan Island, Costa Rica.			2	
<i>Peristeria elata</i> (orchid)	Canal Zone			1	New Jersey.
<i>Phalaenopsis</i> sp. (orchid)	Philippines			1	California*.
Seed pod	do	1			Do.
<i>Spathoglottis plicata</i> (orchid)	Siam			1	Do.
<i>Strelitzia</i> sp.	Hawaii			1	Do.
<i>ticula auricularia</i> L. (Forficulidae): Baggage	Ireland	1			Illinois.
Bulb case	Netherlands			1	New York.
Cloth	England	1			Maryland.
<i>Colchicum</i> sp.	Netherlands			2	New Jersey.
<i>Crocus</i> sp.	do			1	New York.
<i>Cymbidium</i> sp. (orchid)	England			1	New Jersey.
Excelsior packing	Italy, Nether- lands.	1			Missouri, New York.
<i>Hydrangea</i> sp. and <i>Dianthus</i> sp.	England	1			Massachusetts
cuttings.					
<i>Iris</i> sp.	Netherlands			1	New Jersey.
<i>Narcissus</i> sp.	do			2	New York.
Plant	Madeira Is- lands.			1	Massachusetts
<i>Punica granatum</i> (pomegranate)	Italy	2			New York.
Soil ballast	Scotland	1			Alabama.
<i>Tulipa</i> sp. (tulip)	Netherlands			4	New York, Pennsylvan- ia.
<i>akliniella bratleyi</i> Wats. (Thripidae): <i>Polianthes tuberosa</i> (tuberose)	Palestine			2	New Jersey.
<i>akliniella insularis</i> (Frankl.) (Thri- dae): <i>Antirrhinum majus</i> (snapdragon)	Haiti	1			Puerto Rico.
<i>Rosa</i> sp. (rose)	Dominican Republic.	1			Do.
<i>ius albomaculatus</i> Dist. (Miridae): Packing material with bromeliads	Venezuela			1	New Jersey.
<i>ius anthocorides</i> Stal (Miridae): Orchid	Mexico			1	Texas.
<i>della pellucens</i> (Zell.) (Phycitidae): <i>Cajanus cajan</i> (pigeonpea)	Puerto Rico	1			Florida*.
<i>Phaseolus vulgaris</i> var. (string bean)	do	1			Massachusetts
<i>aspis biformis</i> (Ckll.) (Coccidae): <i>Brassavola nodosa</i> (orchid)	Canal Zone			2	Florida, Texas.

List of pests (insects) collected and reported from July 1, 1948, to June 30, 1949, inclusive
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<i>Furcaspis biformis</i> —Continued					
<i>Catleya</i> sp. (orchid).....	Brazil, Canal Zone, Colombia, Costa Rica, Dutch Guiana, Hawaii, Siam, Venezuela.			17	California*, Florida, Guam, Hawaii, New Jersey, Texas.
<i>Epidendrum atropurpureum</i> (orchid)	Canal Zone.....			8	California*, Florida, Hawaii, New Jersey, Texas, Washington.
<i>Epidendrum</i> sp.....	do.....			3	Florida, Washington.
<i>Odontoplossum schlieperianum</i> (orchid).....	Costa Rica.....			1	California.*
<i>Oncidium confusum</i> (orchid).....	Canal Zone.....			1	Texas.
<i>Oncidium lanceanum</i>	Trinidad.....			1	Do.
<i>Oncidium multiflorum</i>	Straits Settlements.			1	New Jersey.
<i>Oncidium panamense</i>	Canal Zone.....			1	Florida.
<i>Oncidium</i> sp.....	Canal Zone, Guatemala, Siam.			3	California*, Washington.
Orchid.....	British Guiana, Canal Zone, Hawaii, Siam, Venezuela.			9	California*, Florida, Puerto Rico, Texas, Virginia.
<i>Furcaspis oceanica</i> Ldgr. (Coccidae):					
<i>Musa paradisiaca sapientum</i> (banana).....	Truk.....	1			Hawaii.
<i>Gastrodes pacificus</i> (Prov.) (Lygaeidae):					
<i>Cedrus</i> sp. (cedar).....	Canada.....	1			New York.
<i>Gastrophysa viridula</i> (Deg.) (Chrysomelidae):					
Soil with potatoes.....	England.....			1	Do.
<i>Gelechia ericetella</i> (Hbn.) (Gelechiidae):					
<i>Calluna vulgaris</i> (heather).....	Denmark.....	1			Do.
<i>Genopaschia protomis</i> Dyar (Galleriidae):					
<i>Ananas comosus</i> (pineapple).....	Jamaica.....		1		Alabama.
<i>Gerstaeckeria mutillaria</i> (Gerst.) (Curculionidae):					
<i>Coryphantha</i> sp. (cactus).....	Mexico.....			1	Texas.
<i>Mammillaria</i> sp. (cactus).....	do.....			3	California*, Texas.
<i>Glyphonyx praecox</i> Er. (Elateridae):					
<i>Laelia anceps</i> (orchid).....	do.....			1	Texas.
<i>Glyphonyx quadricollis</i> Champ. (Elateridae):					
<i>Brassica</i> sp. (mustard).....	do.....	1			Do.
<i>Gnorimoschema gudmannella</i> (Wlsm.) (Gelechiidae):					
<i>Capsicum frutescens</i> (pepper).....	Dutch Guiana, Mexico.	2	1		Arizona, Louisiana.
<i>Gnorimoschema lavernella</i> (Chamb.) (Gelechiidae):					
<i>Physalis</i> sp. (husk tomato).....	Mexico.....	5			Texas.
<i>Gnorimoschema plaesiosema</i> (Turner) (Gelechiidae):					
<i>Solanum tuberosum</i> (potato).....	Peru.....		1		Do.
<i>Gortyna flavago</i> (Schiff.) (Phalaenidae):					
<i>Cynara scolymus</i> (globe artichoke).....	Tunisia.....		1		Pennsylvania.
<i>Gracilaria azaleella</i> Brants (Gracilariidae):					
<i>Rhododendron</i> sp.....	Japan, Netherlands.			25	New Jersey, Washington.
<i>Grapholitha molesta</i> (Busck) (Olethreutidae):					
<i>Malus sylvestris</i> (apple).....	Argentina.....		1		Pennsylvania.
<i>Prunus persica</i> (peach).....	France, Italy.....	2	1		Massachusetts, New York.

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		Con- sump- tion	Non- entry	Prop- aga- tion	
<i>olitha molesta</i> —Continued					
<i>yrus communis</i> (pear).....	Italy, Mexico.....	2	-----	-----	New York. Texas.
<i>olitha packardii</i> Zell. (Olethreu- e):					
<i>ratægus</i> sp. (thornapple).....	Mexico.....	2	-----	-----	Texas.
<i>ostethus servus</i> (F.) (Lygaeidae):					
<i>omoea tuberosa</i> (woods rose).....	Hawaii.....	2	-----	-----	Hawaii.
<i>androsoma aurantianum</i> DaCosta (Olethreutidae):					
<i>itrus sinensis</i> (orange).....	Brazil.....	-----	2	-----	Massachu- setts, New York.
<i>kothrips ficorum</i> (Marchal) (laethripidae):					
<i>icus retusa</i> (Indian laurel fig).....	Mexico.....	-----	-----	1	Texas.
<i>thrips cotti</i> (Vuillet) (Phlaethri- ae):					
<i>ianthus</i> sp. (carnation).....	Egypt, Eur- ope, Greece, Portugal, unknown.	2	4	1	Illinois, Mass- achusetts, New Jersey, New York.
<i>othrips gowdeyi</i> (Frankl.) (Phlaeo- pidae):					
<i>ougainvillea</i> sp.....	Hawaii.....	1	-----	-----	California.*
<i>tryophyllum</i> sp.....	Puerto Rico.....	-----	-----	1	New York. California.*
<i>anapalia</i> sp.....	Hawaii.....	5	-----	-----	Do.
<i>ianthus</i> sp. (carnation).....	do.....	2	-----	-----	Do.
<i>imonium</i> sp.....	do.....	1	-----	-----	Do.
<i>esembryanthemum</i> sp.....	do.....	1	-----	-----	Hawaii.
<i>lumeria</i> sp.....	do.....	1	-----	-----	California.*
<i>agetes</i> sp.....	do.....	1	-----	-----	Do.
<i>thrips nigricornis</i> Bagn. (Phlaeo- pidae):					
<i>ruihogalum thyrsoides</i> (chinkerichee)	Union of South Africa.	1	-----	-----	New York.
<i>la phidilealis</i> (Wlk.) (Pyraustidae):					
<i>crassica oleracea capitata</i> (cabbage).....	Panama, Trin- idad.	-----	3	-----	Alabama, New York.
<i>crassica rapa</i> (turnip).....	Cuba.....	-----	1	-----	Texas.
<i>mene juliana</i> (Curt.) (Olethreuti- ae):					
<i>astanea</i> sp. (chestnut).....	Italy.....	1	-----	-----	New York.
<i>thrips phaseoli</i> Hood (Thripidae):					
<i>haseolus lunatus macrocarpus</i> (lima bean)	Cuba.....	1	-----	-----	Do.
<i>obostrychus aequalis</i> (Waterh.) (strichidae):					
<i>ambo</i>	India.....	1	-----	-----	Texas.
<i>ood</i>	Ceylon, India	2	-----	-----	New York.
<i>oderes laurentii</i> (Guer.) (Elateri- ae):					
<i>lanum melongena</i> (eggplant).....	Cuba.....	1	-----	-----	Do.
<i>glymma alata</i> Heller (Cureulioni- ae):					
<i>anda</i> sp. (orchid).....	Philippines.....	-----	-----	1	Hawaii.
<i>thrips distinctus</i> Bagn. (Thripidae):					
<i>rica</i> sp.....	Union of South Africa.	1	-----	-----	New Jersey
<i>rotea</i> sp.....	do.....	2	-----	-----	New Jersey, New York.
<i>onotus dilaticornis</i> Champ. (Elateri- ae):					
<i>nanas comosus</i> (pineapple).....	Mexico.....	1	-----	-----	Texas.
<i>onotus rufiventris</i> Cand. (Elateri- ae):					
<i>nanas comosus</i> (pineapple).....	do.....	1	-----	-----	Do.
<i>thassa marginella</i> (L.) (Chryso- dae):					
oil and moss packing for <i>Oxalis</i> sp. plants.	Ireland.....	-----	-----	1	New York.
<i>lops palliatus</i> (Gyll.) (Scolytidae):					
ark—coniferous.....	Sweden.....	1	-----	-----	Pennsylvania.
ceae sp. (spruce).....	do.....	6	-----	-----	New York.
enus sp. (pine).....	Germany, Sweden.	4	-----	-----	Louisiana, New York.

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<i>Hypera nigrirostris</i> F. (Curculionidae): Woods moss around rose cutting	Germany			1	New Jersey
<i>Hypolithus pectoralis</i> (Say) (Elateridae): <i>Ananas comosus</i> (pineapple)	Mexico	1			Texas.
<i>Icerya palmeri</i> Riley & Howard (Coccidae): Cactus	do			1	Arizona.
<i>Icerya similis</i> Morr. (Coccidae): <i>Laelia</i> sp. (orchid)	Salvador			1	Texas.
<i>Ips sexdentatus</i> (Boern.) (Scolytidae): <i>Pinus</i> sp. (pine)	Netherlands	1			Alabama.
Wooden strips around peat moss	do	1			Louisiana.
<i>Ips typographus</i> (L.) (Scolytidae): Bark—coniferus	Sweden	1			Pennsylvania
<i>Picea</i> sp. (spruce)	Germany, Sweden.	2			New York.
<i>Pinus</i> sp. (pine)	Czechoslovakia, Germany, Hungary, Netherlands.	10			Alabama, Louisiana, New York
<i>Iridomyrmex humilis</i> Mayr (Formicidae): <i>Dahlia</i> sp.	Portugal			1	New York.
<i>Dianthus</i> sp. (carnation)	do	1			Massachusetts.
<i>Dioscorea</i> sp. (yam)	Azores	1			New York.
Herbs, bulbs & cuttings	do	1			Massachusetts.
Leaves	Portugal			1	New Jersey.
<i>Passiflora</i> sp.	Madeira Islands.	1			Massachusetts.
<i>Phalaenopsis</i> sp. (orchid)	Philippines.			1	California.*
<i>Protea</i> sp.	Union of South Africa.	1			New York.
<i>Prunus domestica</i> (plum)	do	1			Do.
<i>Prunus persica neclarina</i> (nectarine).	Chile	1			Do.
Soil around plants	Italy			1	Do.
<i>Sorghum</i> sp. (?)	do	1			Do.
<i>Tilia</i> sp. (?)	Portugal	1			Pennsylvania.
<i>Vitis</i> sp. (grape)	France, Portugal, Union of South Africa.	3	1		New York.
<i>Jadera sanguinolenta</i> (F.) (Coreidae): Airplane	Mexico		1		Texas.
<i>Lycopersicon esculentum</i> (tomato)	do	1			Do.
<i>Kaloterms bequaerti</i> Snyder (Kalotermitidae): <i>Juniperus</i> sp. (juniper)	Bermuda	1			Massachusetts.
<i>Pinus</i> sp. (pine)	do	1			Do.
<i>Lampetia equestris</i> (F.) (Syrphidae): <i>Narcissus</i> sp.	Netherlands			1	California.*
<i>Lampides boeticus</i> (L.) (Lycaenidae): <i>Canavalia</i> sp.	Hawaii	9			California, Hawaii.
<i>Laspeyresia nigricana</i> (Steph.) (Olethreutidae): <i>Pisum sativum</i> (pea)	Portugal	1	2		New York, Texas.
<i>Laspeyresia splendana</i> (Hbn.) (Olethreutidae): <i>Castanea</i> sp. (chestnut)	England, France, Germany, Italy, Portugal, Spain, Switzerland, Yugoslavia.	64	2		Alabama, Illinois, Maryland, Massachusetts, Missouri, New Jersey, New York, Ohio, Texas, Washington
<i>Lema confusa</i> Chev. (Chrysomelidae): <i>Selaginella lepidophylla</i> (resurrection plant)	Mexico			1	Texas.
<i>Lema melanopa</i> (L.) (Chrysomelidae): <i>Pinus</i> sp. (pine)	Denmark			1	New York.
<i>Lema opulenta</i> Genn. & Har. (Chrysomelidae): <i>Rosa</i> sp. (rose)	Mexico	1			Texas.

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<i>Trinatus frazzini</i> (Panz.) (Scolytidae): <i>Trinatus</i> sp. (ash).....	England.....	10	-----	-----	Maryland, New York.
<i>Losaphes carinata</i> (Ckll.) (Coccidae): <i>Philodendron</i> sp.....	Mexico.....	-----	-----	2	Texas.
<i>Losaphes conchiformis</i> (Gmel.) (Coc- cidae): <i>Diospyros</i> sp. (persimmon).....	Japan.....	1	-----	-----	Minnesota.
<i>Pyrus communis</i> (pear).....	do.....	-----	1	-----	California.*
<i>Idiosaphes</i> "esakii" Takah. (Coccidae): <i>Cocos nucifera</i> (coconut).....	Guam.....	1	-----	-----	Do.
<i>Idiosaphes ficus</i> (Sign.) (Coccidae): <i>Ficus carica</i> (fig).....	Algeria, Italy, Palestine.....	-----	-----	5	California*, New Jersey, New York.
<i>Losaphes kuwacola</i> Kuw. (Coccidae): <i>Salix</i> sp. (willow).....	Japan.....	-----	1	-----	Washington.
<i>Losaphes pallida</i> (Green) (Coccidae): <i>Cupressus</i> sp. (cypress).....	do.....	-----	-----	1	Do.
<i>Juniperus</i> sp. (juniper).....	do.....	-----	-----	2	Do.
<i>Losaphes phloeococcus</i> (Ckll.) (Cocci- dae): <i>Quercus</i> sp. (oak).....	Mexico.....	-----	-----	1	Texas.
<i>Losaphes pistaciae</i> Arch. (Coccidae): <i>Pistacia vera</i> (pistache).....	Syria.....	1	-----	-----	New York.
<i>Losaphes tokionis</i> (Kuw.) (Coccidae): <i>Podium variegatum</i> (croton).....	Bahamas, British West Indies, Hawaii, Philippines, unknown.....	8	1	4	California*, Hawaii, New Jersey, New York.
<i>Losaphes tuberculata</i> Malen. (Cocci- dae): <i>Psychotria cristata</i> (orchid).....	India.....	-----	-----	1	California.*
<i>Limnobia eburnea</i> (orchid).....	do.....	-----	-----	1	New Jersey.
<i>Limnobia tuberculata</i>	England.....	-----	-----	1	Do.
<i>Limnobia</i> sp.....	Australia, Bel- gium, China, England, Netherlands.....	1	-----	21	California*, Hawaii, New Jersey.
<i>Psychotria speciosa</i> (orchid).....	Australia.....	-----	-----	1	California.*
<i>Psychotria</i>	China.....	-----	-----	1	Hawaii.
<i>Losaphes tubulorum</i> Ferris (?) (Coc- cidae): <i>Cocos nucifera</i> (coconut).....	Guam.....	1	-----	-----	California.*
<i>Losaphes yanagicola</i> Kuw. (Cocci- dae): <i>Salix</i> sp. (willow).....	Japan.....	-----	1	-----	Washington.
<i>Glossus chilensis</i> Spinola (Coreidae): <i>Vitis</i> sp. (grape).....	Chile.....	6	-----	-----	New York.
<i>Phobia arisa</i> (Bdv.) (Pteridae): <i>Brassica oleracea botrytis</i> (cauliflower): <i>Spis archangeliskya</i> Ldgr. (Cocci- dae): <i>Prunus</i> sp. (cherry).....	Mexico.....	-----	3	-----	New York, Texas.
.....	Afghanistan.....	-----	-----	1	District of Columbia.
<i>Pyrus communis</i> (pear).....	do.....	-----	-----	1	Do.
<i>Spis candida</i> (Targ.) (Coccidae): <i>Pinus</i> sp. (pine).....	Germany.....	-----	-----	1	New Jersey.
<i>Spis cockerelli</i> (de Charm.) (Cocci- dae): <i>Citrus aurantifolia</i> (sour lime).....	Panama, Sal- vador.....	2	2	-----	California.*
<i>Citrus paradisi</i> (grapefruit).....	Jamaica Ni- geria.....	-----	4	-----	Do.
<i>Citrus sinensis</i> (orange).....	Jamaica, Pan- ama, Trini- dad, Venez- uela.....	-----	7	-----	California* Florida.*
<i>Cocos nucifera</i> (coconut).....	Hawaii.....	1	-----	-----	California.*
<i>Psychotria</i> sp. (orchid).....	do.....	-----	-----	1	Do.
<i>Anda</i> sp. (orchid).....	Trinidad.....	-----	-----	1	Florida.
<i>Cera quinquepunctata</i> (L.) (Chryso- idae): <i>Puntia</i> sp. and <i>Cereus</i> sp. plants.....	Haiti.....	-----	-----	1	New Jersey.

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Insect and host	Country of origin	Number of interceptions in—			Collected in—
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<i>Leucocera sexpunctatus</i> Chev. (Chrysomelidae): Orchid.....	Cuba.....	-----	-----	1	Florida.
<i>Ligyrocoris abdominalis</i> (G.-M.) (Lygaeidae): <i>Lycopersicon esculentum</i> (tomato).....	Mexico.....	3	-----	-----	Texas.
<i>Oncidium</i> sp. (orchid).....	Guatemala.....	-----	-----	1	New Jersey.
<i>Ligyrocoris aurivilliana</i> (Dist.) (Lygaeidae): <i>Chrysanthemum</i> sp.....	Mexico.....	1	-----	-----	Texas.
<i>Lycopersicon esculentum</i> (tomato).....	do.....	3	-----	-----	Do.
<i>Ligyrocoris litigiosus</i> Stal (Lygaeidae): <i>Ananas comosus</i> (pineapple).....	do.....	2	-----	-----	Do.
<i>Lineodes integra</i> (Zell.) (Pyraustidae): <i>Lycopersicon esculentum</i> (tomato).....	do.....	1	-----	-----	Do.
<i>Lineodes triangularis</i> (Mosch.) (Pyraustidae): <i>Capsicum frutescens</i> (pepper).....	Puerto Rico.....	1	-----	-----	New York.
<i>Liothrips vaneeckei</i> Pr. (Phlaeothripidae): <i>Lilium</i> sp. (lily).....	China.....	-----	-----	1	Washington.
<i>Liriomyza pusilla</i> (Meig.) (Agromyzidae): <i>Capsicum frutescens</i> (pepper).....	Mexico.....	4	-----	-----	Arizona, Texas.
<i>Gypsophila paniculata</i> (babysbreath).....	do.....	1	-----	-----	Texas.
<i>Lycopersicon esculentum</i> (tomato).....	do.....	4	-----	-----	Arizona, Texas.
<i>Listroderes aequivocus</i> Kuschel (Curculionidae): <i>Allium sativum</i> (garlic).....	Unknown.....	-----	1	-----	New York.
<i>Lixus ascanii</i> (L.) (Curculionidae): <i>Raphanus sativus</i> (radish).....	France.....	-----	1	-----	Do.
<i>Lixus junci</i> Boh. (Curculionidae): <i>Beta vulgaris</i> (beet).....	Egypt, Spain.....	-----	2	-----	Maryland, Texas.
<i>Lozostege bifidalis</i> (F.) (Pyraustidae): <i>Portulaca oleracea</i> (purslane).....	Mexico.....	1	-----	-----	Texas.
<i>Lozostege similalis</i> (Gn.) (Pyraustidae): <i>Chrysanthemum</i> sp.....	do.....	1	-----	-----	Do.
<i>Portulaca oleracea</i> (purslane).....	do.....	6	-----	-----	Do.
<i>Lygaeus circumlinitus</i> Dist. (Lygaeidae): Orchid.....	do.....	-----	-----	1	Do.
<i>Lygaeus circumplicatus</i> Dist. (Lygaeidae): Orchid.....	do.....	-----	-----	1	Do.
<i>Lygaeus consanguinitus</i> Dist. (Lygaeidae): <i>Allium cepa</i> (onion).....	do.....	1	-----	-----	Do.
<i>Lygaeus pulchellus</i> F. (Lygaeidae): <i>Musa paradisica sapientum</i> (banana).....	do.....	1	-----	-----	California.*
<i>Lygaeus vittisutis</i> Stal (Lygaeidae): Bromeliad.....	Costa Rica.....	-----	-----	1	Texas.
<i>Lycopersicon esculentum</i> (tomato).....	Mexico.....	1	-----	-----	Do.
Orchid.....	Guatemala, Honduras, Mexico.....	-----	-----	6	Do.
<i>Lygus elisus</i> Van D. (Miridae): <i>Ilex</i> sp. (holly).....	Canada.....	1	-----	-----	Minnesota.
<i>Lygus fraudulentus</i> (Stal) (Miridae): <i>Brassica oleracea botrytis</i> (cauliflower).....	Argentina.....	-----	1	-----	Louisiana.
<i>Lygus oblineatus</i> (Say) (Miridae): <i>Chrysanthemum</i> sp.....	Mexico.....	1	-----	-----	Arizona.
<i>Ulmus</i> sp. (elm).....	Canada.....	1	-----	-----	New York.
Vegetables.....	Mexico.....	1	-----	-----	Texas.
<i>Zea mays</i> (corn).....	Canada.....	-----	1	-----	Do.
<i>Madarus distigma</i> Boh. (Curculionidae): Orchid.....	Mexico.....	-----	-----	1	Do.
<i>Malacorhinus tripunctatus</i> (Jac.) (Chrysomelidae): Airplane.....	do.....	-----	1	-----	Do.
<i>Mamestra brassicae</i> (L.) (Phalaenidae): <i>Brassica oleracea botrytis</i> (cauliflower).....	Ireland, Norway, France, Netherlands.....	-----	2	-----	New York, Texas.
<i>Brassica oleracea capitata</i> (cabbage).....	-----	-----	2	-----	New York.

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		Con- sump- tion	Non- entry	Prop- aga- tion	
<i>ruca testulalis</i> (Geyer) (Pyraustidae):					
<i>Cajanus cajan</i> (pigeonpea).....	Dominican Republic, Puerto Rico.	10			Maryland, New York.
<i>Canavalia</i> sp.....	Hawaii.....	12			California*, Hawaii, New York.
<i>Phaseolus lunatus macrocarpus</i> (lima bean)	Cuba, Puerto Rico.	3			
<i>Phaseolus vulgaris</i> (kidney bean)	Puerto Rico.....		1		Do.
<i>Phaseolus vulgaris</i> var. (string bean)	Brazil, Cuba, Dutch Guiana, Hawaii, Puerto Rico, Venezuela.	5	13		Alabama, California*, Florida*, Louisiana, Maryland, New York, Pennsylvania, Texas.
<i>cinus pyrauster</i> Hbst. (Curculionidae):					
Soil and moss packing.	Ireland.....			1	New York.
<i>colaeus carvalhoi</i> (Costa Lima)					
Miridae):					
Orchid.....	Brazil.....			1	Florida.
<i>gacerus contaminatus</i> (Sharp)					
Bruchidae):					
<i>Ipomoea stans</i>	Mexico.....			1	District of Columbia.
<i>galometis chiliensis</i> Boh. (Curculioni- ae):					
<i>Prunus domestica</i> (plum)	Chile.....	1			New York.
<i>Prunus persica nectarina</i> (nectarine)	do.....	1			Do.
<i>gapenthes cinnamomus</i> Champ.					
Elateridae):					
<i>Odontoglossum</i> sp. (orchid).....	Guatemala.....			1	Texas.
<i>gasternum boletophagum</i> (Marsh.)					
Hydrophilidae):					
<i>Beta vulgaris macrorhiza</i> (mangel-wurzel)	England.....		1		New York.
<i>lanoranthus melanocephalus</i> (F.)					
Elateridae):					
Airplane.....	South Pacific.....		1		Hawaii.
<i>tamasius sericeus</i> (Oliv.) (Curculioni- ae):					
<i>Musa paradisiaca sapientum</i> (banana)	Costa Rica, Ecuador, Honduras.	11			California*, Maryland, South Carolina.
<i>trapate labialis</i> Lesne (Bostrichidae):					
<i>Sambucus</i> sp.....	Mexico.....	1			New York.
Wood.....	do.....	1			Texas.
<i>erelus ericae</i> Gyll. (Curculionidae):					
<i>Calluna vulgaris</i> (heather).....	Scotland.....	1			New York.
<i>morista flavidissimalis</i> (Grt.) (Pyraus- dae):					
Cactus.....	Mexico.....	2			Texas.
<i>mosestes dominicanus</i> (Jek.) (Bruchi- ae):					
<i>Acacia farnesiana</i> (cascalote).....	Salvador.....	1			Louisiana.
<i>Libidibia</i> sp.....	Canal Zone.....	1			Do.
<i>Ochroma lagopus</i> (balsa).....	Colombia.....	1			New York.
<i>neola indigenella</i> (Zell.) (Phycitidae):					
<i>Prunus</i> sp. (Japanese flowering cherry)	Japan.....			1	Oregon.
<i>nanthia monotropidia</i> Stal (Tingiti- ae):					
Bromeliad.....	do.....			1	Texas.
<i>nomorium destructor</i> (Jerd.) (Formi- idae):					
<i>Agave</i> sp. (sisal).....	Haiti.....			1	District of Columbia.
<i>Ananas comosus</i> (pineapple).....	Bahamas.....			1	Florida.
<i>Cajanus cajan</i> (pigeonpea).....	Puerto Rico.....	1			New York.
<i>Coelogyne elata</i> (orchid).....	India.....	1			Hawaii.
<i>Cymbidium</i> sp. (orchid).....	do.....			1	New Jersey.
<i>Dendrobium</i> sp. (orchid).....	do.....	1			Hawaii.
<i>Hibiscus esculentus</i> (okra).....	Trinidad.....	1			New York.
Orchid.....	Colombia, Philippines.	1		1	California*, Florida.

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<i>Monomorium destructor</i> —Continued					
<i>Pyrus communis</i> (pear).....	Lebanon.....	1			New York.
<i>Vanda</i> sp. (orchid).....	India.....			1	New Jersey.
<i>Moodna bisinuella</i> Hamp. (Phycitidae):					
<i>Zea mays</i> (corn).....	Mexico.....	3	2		Texas.
<i>Mordellistena cattleyana</i> Champ. (Mordellidae):					
<i>Cattleya gigas</i> (orchid).....	Colombia.....			2	Florida,
<i>Cattleya labiata</i>	Brazil.....			6	New Jersey,
<i>Cattleya labiata autumnalis</i>	do.....			3	Texas.
<i>Cattleya velutina</i>	do.....			1	California.*
<i>Cattleya warneri</i>	do.....			1	New Jersey.
<i>Cattleya</i> sp.....	Brazil.....			21	Do.
	Colombia,				Florida,
	Venezuela.				New Jersey,
<i>Epidendrum</i> sp. (orchid).....	do.....			1	Texas.
<i>Laelia purpurata</i> (orchid).....	Brazil.....			1	Do.
Orchid.....	Honduras,			3	New Jersey.
	Mexico.				Florida,
					Texas.
<i>Mordellistena rufonotata</i> Champ. (Mordellidae):					
Orchid.....	Mexico.....			3	Texas.
<i>Morganella longispina</i> (Morg.) (Coccidae):					
<i>Citrus aurantifolia</i> (sour lime).....	Philippines.....		1		California.*
<i>Citrus limon</i> (lemon).....	New Zealand.....		2		Do.
<i>Citrus sinensis</i> (orange).....	Brazil.....		1		Do.
<i>Dendrobium</i> sp. (orchid).....	Straits Settlements.			1	Do.
<i>Myelois ceratoniae</i> Zell. (Phycitidae):					
<i>Ceratonis siligua</i> (St. Johnsbread).....	Italy.....	1			New York.
<i>Citrus sinensis</i> (orange).....	do.....	1			Do.
<i>Phoenix dactylifera</i> (date).....	Iraq.....	1			Florida.*
<i>Myelois notatalis</i> (Wlk.) (Phycitidae):					
<i>Ceratonis siligua</i> (St. Johnsbread).....	British Honduras.	1			Do.
<i>Myllocerus hilleri</i> Faust (Curculionidae):					
Unknown.....	Japan (?).....		1		Washington.
<i>Myodocha longicollis</i> Stal (Lygaeidae):					
<i>Lycopersicon esculentum</i> (tomato).....	Mexico.....	1			Texas.
<i>Myzus ascalonicus</i> Doncaster (Aphidae):					
<i>Allium cepa</i> (onion).....	France.....	1			Ohio.
<i>Nasutitermes corniger</i> (Motsch.) (Termitidae):					
Log.....	Costa Rica.....	1			South Carolina.
<i>Musa paradisiaca sapientum</i> (banana).....	do.....	1			California.*
Wood.....	Honduras.....	1			Louisiana.
<i>Nasutitermes luzonicus</i> (Oshima) (Termitidae):					
Wood.....	Philippines.....	1			Maryland.
<i>Nasutitermes nigriceps</i> (Haldeman) (Termitidae):					
Orchid.....	Unknown.....			1	Florida.
<i>Neocattarus vegetus</i> Dist. (Lygaeidae):					
<i>Oncidium confusum</i> (orchid).....	Canal Zone.....			1	Hawaii.
<i>Neoclytus cacicus</i> Chev. (Cerambycidae):					
<i>Guajacum officinale</i> (lignumvitae).....	Nicaragua.....	1			California.*
<i>Neodryocetes guianae</i> Blkm. (Scolytidae):					
<i>Cajanus cajan</i> (pigeonpea).....	British Guiana.....	2			New Jersey.
<i>Pisum sativum</i> (pea).....	do.....	1			Missouri.
<i>Neoleucinodes elegantalis</i> (Guen.) (Pyraustidae):					
<i>Lycopersicon esculentum</i> (tomato).....	Mexico.....	398			Texas.
<i>Solanum melongena</i> (eggplant).....	Brazil.....		1		New York.
<i>Newsteadia floccosa</i> (Deg.) (Coccidae):					
Woods moss.....	England,			2	New Jersey.
	France.				
<i>Nilotaspis halli</i> (Green) (Coccidae):					
<i>Prunus armeniaca</i> (apricot).....	Israel, Turkey.....			5	District of Columbia.

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<i>otaspis halli</i> —Continued					
<i>Prunus persica</i> (peach).....	Turkey.....			1	District of Columbia.
<i>Prunus</i> sp. (plum).....	do.....			1	Do.
<i>mpthalis urticae</i> (L.) (Nymphalidae):					
Hay packing.....	Netherlands.....	1			Arizona.
<i>sius basalis</i> Dallas (Lygaeidae):					
Orchid.....	Mexico.....			1	Texas.
<i>sius dallasi</i> White (Lygaeidae):					
Airplane.....	Hawaii.....		1		Hawaii.
<i>sius simulans</i> Stal (Lygaeidae):					
<i>Hordeum stenostachys</i>	Uruguay.....			1	District of Columbia.
<i>Prunus persica nectarina</i> (nectarine).					
<i>tionychis lateralis</i> Jac. (Chrysomellidae):	Chile.....	1			New York.
Orchid.....					
<i>tionychis transversalis</i> Jac. (Chrysomellidae):	Mexico.....			1	Texas.
Orchid.....	do.....				
<i>toecosta biannularis</i> (Boh.) Chrysomellidae):				1	Do.
<i>Laelia</i> sp. (orchid).....	do.....			1	Do.
<i>sternum costatum</i> Sharp (Hydrophilidae):					
Orchid.....	do.....			1	Do.
<i>chidophilus peregrinator</i> Buch. (Curculionidae):					
Orchid.....	Hawaii.....	1			Hawaii.
<i>photomicus laricis</i> (F.) (Scolytidae):					
Wooden strips around peat moss.....	Netherlands.....	1			Louisiana.
<i>ycareus lavaterae</i> (F.) (Lygaeidae):					
<i>Tilia tomentosa</i> (silver linden)	Italy.....			1	New Jersey.
<i>ydema longulum</i> (Beh.) (Cureullonidae):					
Parcel post package.....	Hawaii.....	1			Hawaii.
<i>ophora consanguineus</i> (Dist.) (Lygaeidae):					
Bromeliad.....	Costa Rica.....			1	Texas.
<i>chybrachius luridus</i> Hahn. (Lygaeidae):					
<i>Dianthus</i> sp. (carnation).....	Netherlands.....			1	New Jersey.
<i>Rhododendron</i> sp.....	do.....			1	Do.
<i>chycoris torridus</i> (Scop.) (Pentatomidae):					
<i>Musa paradisiaca sapientum</i> (banana)	Guatemala.....	1			California.*
<i>chyzancla bipunctalis</i> (F.) (Pyraustidae):					
Plant.....	Puerto Rico.....	1			New York.
<i>chyzancla periusalis</i> (Wlk.) (Pyraustidae):					
<i>Lycopersicon esculentum</i> (tomato).....	Brazil, Jamaica.....	1	1		Alabama, New York
<i>ptomorus godmani</i> (Crotch) (Curculionidae):					
Flowers.....	Hawaii.....	1			Hawaii.
<i>Leucaena glauca</i>	do.....	1			Do.
<i>Pimpinella anisum</i> (anise)	Azores.....			1	New Jersey.
<i>acardiophorus pauper</i> (Cand.) (Elateridae):					
Soil around azalea roots.....	Japan.....			1	Hawaii.
<i>latoria camelliae</i> Comst. (Coccidae):					
<i>Aucuba</i> sp.....	do.....			1	California.*
<i>Camellia japonica</i> (camellia).....	China, Japan.....			12	California*, District of Columbia, Florida*, Washington.
<i>latoria chinensis</i> Marl. (Coccidae):					
<i>Cydonia</i> sp. (flowering quince)	Japan.....			1	Washington.
<i>latoria cinerea</i> Hadden (Coccidae):					
<i>Citrus aurantifolia</i> (sour lime).....	British West Indies, Costa Rica, Mexico, Trinidad.	1	8		California*, Florida*.

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<i>Parlatoria cinerea</i> —Continued					
<i>Citrus grandis</i> (pummelo).....	Formosa.....		1		California*.
<i>Citrus paradisi</i> (grapefruit).....	Brazil, Pan- ama, Trini- dad, Uru- guay.		5		Do.
<i>Citrus sinensis</i> (orange).....	Brazil, Pan- ama, Trini- dad, Uru- guay.	1	14		California*, Florida*.
<i>Parlatoria citri</i> McKenzie (Coccidae):					
<i>Citrus aurantifolia</i> (sour lime).....	Straits Settle- ments.		1		California*.
<i>Parlatoria crotonis</i> Dougl. (Coccidae):					
<i>Codiaeum variegatum</i> (croton).....	Hawaii.....		1	2	California*, New Jersey.
<i>Parlatoria fluggeae</i> Hall (Coccidae):					
<i>Hibiscus</i> sp.....	do.....			1	California*.
<i>Parlatoria oleae</i> (Colvee) (Coccidae):					
<i>Malus sylvestris</i> (apple).....	Afghanistan, Greece (?), Italy.	27		2	District of Columbia, Michigan, New York.
<i>Mespilus germanica</i> (medlar).....	Italy.....	2			New York.
<i>Olea europaea</i> (olive).....	Greece.....			2	District of Columbia, New Jersey.
<i>Prunus armeniaca</i> (apricot).....	Afghanistan.....			1	District of Columbia.
<i>Prunus persica</i> (peach).....	do.....			1	Do.
<i>Prunus</i> sp. (plum).....	do.....			1	Do.
<i>Pyrus communis</i> (pear).....	Afghanistan, Italy.	2		1	District of Columbia, New York.
<i>Quercus</i> sp. (?).....	Italy.....			1	New Jersey.
<i>Parlatoria pittospori</i> Mask. (Coccidae):					
<i>Glottiphyllum</i> sp.....	Union of South Africa.			1	Do.
<i>Haworthia</i> sp.....	do.....			1	Do.
Palm.....	Mexico.....	1			California*.
<i>Parlatoria pseudaspidiotus</i> Ldgr. (Cocci- dae):					
Orchid.....	India, Japan, Philippines.			3	California*, New Jersey.
<i>Vanda joaquimiae</i> (orchid).....	Philippines, Siam.			3	California*, Washington.
<i>Vanda suavis</i>	Batavia.....			1	New Jersey.
<i>Vanda teres</i>	Straits Settle- ments.			1	California*.
<i>Vanda</i> sp.....	Hawaii, Siam.			2	California*, New Jersey.
<i>Parlatoria theae</i> Ckll. (Coccidae):					
<i>Acer</i> sp. (maple).....	Japan.....	1		3	California*, Washington.
<i>Prunus</i> sp., perhaps <i>mume</i>	do.....			1	District of Columbia.
<i>Rosa</i> sp. (rose).....	do.....			1	California*.
<i>Parlatoria zizyphus</i> (Lucas) (Coccidae):					
<i>Citrus aurantifolia</i> (sour lime).....	China, Phil- ippines, Straits Set- tlements.		5		Do.
<i>Citrus grandis</i> (pummelo).....	Formosa, Japan, Phil- ippines, Straits Set- tlements.		4		Do.
<i>Citrus limon</i> (lemon).....	Australia, Italy, Japan, Spain.		13		California*, Florida*.
<i>Citrus paradisi</i> (grapefruit).....	China.....		1		California*.
<i>Citrus reticulata</i> (tangerine).....	China, Japan.	1	2		California*, Minnesota.

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<i>Pinnaspis buxi</i> (Bouche) (Coccidae):					
<i>Anthurium</i> sp.-----	Costa Rica,-----	2-----		2-----	California
	Hawaii.-----				Florida
<i>Cirrhopetalum</i> sp. (orchid)-----	India-----			1-----	New Jers
<i>Dendrobium fusiforme</i> (orchid)-----	Australia-----			2-----	Hawaii.
<i>Dendrobium speciosum</i> -----	do-----			3-----	Hawaii, New Je
<i>Dendrobium</i> sp.-----	do-----			1-----	Washin
<i>Philodendron</i> sp.-----	Hawaii-----			1-----	Californi
<i>Pityogenes bidentatus</i> (Herbst.) (Scolyti- dae):					
<i>Pinus</i> sp. (pine)-----	Germany,-----	4-----			Alabama
	Netherlands.-----				York, "
<i>Pityogenes chalcographus</i> (L.) (Scolyti- dae):					
Bark-----	Belgium, Swe- den.-----	2-----			New Jers Pennsy vania.
Coniferous wood-----	Finland-----	1-----			Pennsylv
<i>Picea</i> sp. (spruce)-----	Finland, Ger- many, Hun- gary, Swe- den.-----	16-----			New Yor
<i>Pinus</i> sp. (pine)-----	Germany,-----	5-----			Louisian
	Hungary, Netherlands.-----				New Y
<i>Pityophthorus sambuci</i> Blkm. (Scolyti- dae):					
Bark-----	Mexico-----	1-----			Californi
<i>Salix</i> sp. (willow)-----	do-----	1-----			Texas.
<i>Plagiodera thymaloides</i> Stal (Chrysomel- idae):					
Orchid-----	do-----			5-----	Do.
<i>Platycarenum humilis</i> (H.-S.) (Pentato- midae):					
<i>Musa paradisiaca sapientum</i> -----	Costa Rica-----	1-----			Californi
(banana)					
<i>Platycarenum notulatus</i> Stal (Pentatomi- dae):					
<i>Musa paradisiaca sapientum</i> -----	Mexico-----	1-----			Do.
(banana)					
<i>Platynota rostrana</i> (Wlk.) (Tortricidae):					
<i>Ananas comosus</i> (pineapple)-----	Cuba-----	1-----			Louisian
<i>Capsicum frutescens longum</i> -----	Mexico-----	3-----			Californi
(long red pepper)					
<i>Lycopersicon esculentum</i> (tomato)-----	do-----	9-----			Texas.
<i>Platynota stultana</i> (Wlsm.) (Tortricidae):					
<i>Beta vulgaris</i> (beet)-----	do-----	1-----			Do.
<i>Capsicum frutescens</i> (pepper)-----	do-----	48-----			Arizona, Texas.
<i>Lycopersicon esculentum</i> (tomato)-----	do-----	1-----			Texas.
<i>Platypus rugulosus</i> Chapuis (Platy- podidae):					
<i>Ananas comosus</i> (pineapple)-----	do-----	4-----			Do.
<i>Ceiba</i> sp.-----	Nicaragua-----	1-----			New Yor
Log-----	Costa Rica-----	1-----			South C
					lina.
<i>Platythrips tunicatus</i> Hal. (Thripidae):					
Woods moss-----	England-----			1-----	New Jers
<i>Plesiommata mollicella</i> (Fowl.), Cicadel- lidae):					
<i>Gladiolus</i> sp.-----	Mexico-----	1-----			Texas.
<i>Poecilips persicae</i> (Hopk.) (Scolytiidae):					
Cyatheaceae-----	Hawaii-----	1-----			Californi
<i>Pogonocherus fasciculatus</i> Deg. (Ceram- bycidae):					
<i>Picea</i> sp. (spruce)-----	Sweden-----	1-----			New Yor
<i>Polia oleracea</i> (L.) (Phalaenidae):					
<i>Beta vulgaris macrorhiza</i> -----	England-----		1-----		Do.
(mangel-wurzel)					
" <i>Poliaspis</i> " <i>pini</i> Mask. (Coccidae):					
<i>Pinus thunbergii</i> (2-leaved pine)-----	Japan-----			1-----	Washing
<i>Pinus</i> sp. (2-leaved pine)-----	do-----			3-----	Do.
<i>Pinus</i> sp.-----	do-----			1-----	Californi

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<i>Mycaon chiliensis</i> (Cast.) (Bostrichi- ae):	Chile.....	1			New York.
<i>Vitis</i> sp. (grape).....	France, Italy..	4	1		Massachu- setts, New York.
<i>Psychrosia botrana</i> (Schiff.) (Olethreuti- ae):					
<i>Vitis</i> sp. (grape).....					
<i>Mycaon oleellus</i> (F.) (?) (Hyponomeuti- ae):					
<i>Olea europaea</i> (olive).....	Lebanon.....	1			New York.
<i>Curculionotrypes fractirostris</i> Mshl. (Cur- culionidae):					
<i>Solanum tuberosum</i> (potato).....	Peru.....		1		Texas.
<i>Curculionotrypes solani</i> Pierce (Curculioni- ae):					
<i>Solanum tuberosum</i> (potato).....	do.....		2		Do.
<i>Curculionotrypes vorax</i> (Hust.) (Curculioni- ae):					
<i>Solanum tuberosum</i> (potato).....	Ecuador.....		1		New York.
<i>Gardenia eridania</i> (Cram.) (Phalaenidae):					
<i>Aster</i> sp.....	Bermuda.....	1			Do.
<i>Chrysanthemum</i> sp.....	Venezuela.....	1			Do.
<i>Lilium longiflorum</i> (Easter lily).....	Honduras.....	1			Louisiana.
<i>Lycopersicon esculentum</i> (tomato).....	Mexico.....	1			Arizona.
<i>Gardenia ornithogalli</i> Gn. (Phalaenidae):					
<i>Zinnia</i> sp.....	do.....	1			Texas.
<i>Stephanus truncatus</i> (Horn) (Bostrichi- idae):					
<i>Zea mays</i> (corn).....	do.....			1	Do.
<i>Topulvinaria longivalvata</i> (Green) (Coccidae):					
<i>Antidesma bunius</i>	Canal Zone.....			1	Florida.
(bignay China laurel).....					
<i>Gardenia augusta</i> (gardenia).....	Venezuela.....	3	1	1	Alabama, New York, California.*
<i>Eugenia jambos</i> (rose-apple).....	Canal Zone.....			1	
<i>Topulvinaria pyriformis</i> (Ckll.) (Coc- cidae):					
<i>Gardenia augusta</i> (gardenia).....	Cuba.....	2			Florida.*
<i>Lonicera</i> sp.....	Bermuda.....			1	New York.
<i>Vanilla pompona</i> (orchid).....	Canal Zone.....			1	Texas.
<i>Cladonia clavifera</i> Ckll. (Coccidae):					
<i>Plumeria</i> sp.....	Hawaii.....			1	California.*
<i>Cladonia curculiginis</i> Green (Cocci- dae):					
<i>Cymbidium findlaysonianum</i> (orchid).....	Philippines.....			1	Do.
<i>Cladonia tessarata</i> (de Charm.) (Coc- cidae):					
<i>Hibiscus</i> sp.....	Hawaii.....			1	Do.
<i>Cladonia trilobitiformis</i> (Green) (Coccidae):					
<i>Citrus limon</i> (lemon).....	Argentina, Brazil.....		2		Do.
<i>Izora</i> sp.....	Canal Zone.....			1	Florida.
<i>Cladonia naspis</i> <i>acephala</i> Ferris (Coc- cidae):					
<i>Arundina bambusifolia</i> (orchid).....	do.....			1	California.*
<i>Cladonia naspis</i> <i>alienus</i> (Newst.) (Coc- cidae):					
<i>Brassavola</i> sp. (orchid).....	Honduras.....			1	Florida.
<i>Cattleya skinneri</i> (orchid).....	Costa Rica.....			1	New Jersey.
<i>Cattleya</i> sp.....	Guatemala.....			2	Florida, New Jersey.
	Venezuela.....				
<i>Laelia anceps</i> (orchid).....	Mexico.....			1	Texas.
<i>Laelia autumnalis</i> (?).....	do.....			1	California.*
<i>Phlodesmum</i> sp.....	Guatemala.....			1	Do.
<i>Cladococcus palmarum</i> (Ehrh.) (Cocci- dae):					
<i>Cocos nucifera</i> (coconut).....	Hawaii, Phil- ippines.....	7	2		California.*
<i>Cladococcus pini</i> (Kuw.) (Coccidae):					
<i>Pinus</i> sp. (pine).....	Japan, Korea.....			4	California*, District of Columbia, Washington.

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<i>Pseudococcus trichllae</i> Brain (Coccidae): <i>Leucadendron argenteum</i>	Union of South Africa.	1			New Jersey
(silver leucadendron) <i>Pseudodiaspis yuccae</i> (Ckll.) (Coccidae): Cactus.....	Mexico.....			1	Arizona.
<i>Pseudoparlatoria ostreata</i> Ckll. (Cocci- dae): <i>Cattleya mossiae</i> (orchid).....	Costa Rica.....			1	California
<i>Psila rosae</i> (F.) (Psilidae): <i>Apium graveolens</i> (celery).....	England, France, Netherlands.		11		Alabama York, sylvania Texas.
<i>Apium graveolens rapaceum</i> (celeriac) <i>Chrysanthemum</i> sp.....	Denmark, Netherlands, Norway.		8		Louisiana Texas,
<i>Daucus carota</i> (carrot).....	England. Algeria, Bel- gium, Cuba, Denmark, England, France, Ire- land, Italy, Netherlands, Portugal, Sweden, Wales.		43	1	New Jersey Alabama York, South Carolina, Virginia
<i>Pastinaca sativa</i> (parsnip).....	England.....		4		Texas.
<i>Pteleobius vittatus</i> (F.) (Scolytidae): <i>Ulmus</i> sp. (elm).....	do.....	1			New York
<i>Ptochoryctis tsugensis</i> (Kearf.) (?) (Xyloryctidae): <i>Cupressus</i> sp. (cypress).....	Japan.....			1	Washington
<i>Pinus</i> sp. (5-leaved pine).....	do.....			2	Do.
<i>Pulvinaria innumerabilis</i> (Rath.) (Cocci- dae): <i>Vitis</i> sp. (grape).....	France.....			1	New Jersey
<i>Pulvinaria psidii</i> Mask. (Coccidae): <i>Anthurium</i> sp.....	Trinidad.....			1	Florida.
<i>Ficus paudurata</i> (fiddleleaf fig).....	Cuba.....			1	New Jersey
<i>Pittosporum</i> sp.....	Bermuda.....			1	Maryland
<i>Syzygium cumini</i> (jambolan-plum).....	Philippines.....	1			California
<i>Puto mexicanus</i> (Ckll.) (?) (Coccidae): <i>Laelia</i> sp. (orchid).....	Mexico.....			1	Texas.
<i>Pyrausta nubilalis</i> (Hbn.) (Pyraustidae): <i>Beta vulgaris</i> (beet).....	Italy.....		1		Do.
<i>Corylus avellana</i> (filbert).....	do.....			1	New Jersey
<i>Sorghum vulgare technicum</i> (broomcorn).....	France, Hungary, Italy.	18			Maryland Massachusetts, New York, Pennsylvania
<i>Zea mays</i> (corn).....	France.....	1	1	1	California New York Texas.
<i>Quichuana calathea</i> Shannon (Syrphi- dae): <i>Tillandsia</i> sp.....	Mexico.....			1	Texas.
<i>Renocis mexicanus</i> Bism. (Scolytidae): Wood.....	do.....	1			Washington
<i>Rhabdoscelus obscurus</i> (Boisd.) (Cur- culionidae): <i>Saccharum officinarum</i> (sugarcane).....	American Samoa.....	1			Hawaii.
<i>Rhagoletis alternata</i> (Fall.) (Tephriti- dae): <i>Rosa</i> sp. (rose).....	Sweden.....	1			New York
<i>Rhagoletis alternata</i> (Fall.) (?) (Tephri- tidae): <i>Rosa</i> sp. (rose).....	Austria, Sweden.	1		1	New York Washington
<i>Rhagoletis cerasi</i> (L.) (Tephritidae): <i>Prunus</i> sp. (cherry).....	France, Ger- many, Italy, Portugal, unknown.	3	5		Massachusetts, New York.

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<i>Rhagoletis cerasi</i> (L.) (?) (Tephritidae): <i>Prunus</i> sp. (cherry).....	France, Italy, Portugal, Spain.....	-----	4	-----	Massachusetts, New York.
<i>Rhagoletis juglandis</i> Cress. (?) (Tephritidae): <i>Juglans</i> sp. (walnut).....	Mexico.....	1	-----	-----	Texas.
<i>Rhagoletis pomonella</i> (Walsh) (Tephritidae): <i>Crataegus</i> sp. (red haw).....	do.....	1	-----	-----	Do.
<i>Malus sylvestris</i> (apple).....	Mexico, unknown.....	8	1	-----	New York, Texas.
<i>Rhagoletis striatella</i> Wulp (Tephritidae): <i>Physalis</i> sp. (husk tomato).....	Mexico.....	1	-----	-----	Texas.
<i>Rhinoncus pyrrhopus</i> Boh. (Curculionidae): <i>Armeria</i> sp. (statice).....	do.....	1	-----	-----	Do.
<i>Rhipibruchus leiboldi</i> (Philippi) (Bruchidae): <i>Prosopis</i> sp.....	Argentina.....	-----	-----	1	District of Columbia.
<i>Rhipibruchus picturatus</i> (Fahr.) (Bruchidae): <i>Prosopis alba</i>	do.....	-----	-----	2	District of Columbia, Oregon.
<i>Prosopis</i> sp.....	do.....	-----	-----	1	Washington.
<i>Rhopalosiphoninus tulipae</i> (Theob.) (Aphidae): <i>Tulipa</i> sp. (tulip).....	Netherlands.....	-----	-----	1	New York.
<i>Ribua innoxia</i> Hein. (Phycitidae): <i>Ananas comosus</i> (pineapple).....	Cuba.....	25	-----	-----	Louisiana, New York, Texas.
<i>Ripersiella palestineae</i> Hambl. (Coccidae): <i>Arum</i> sp.....	Palestine.....	-----	-----	1	District of Columbia.
<i>Iris</i> sp.....	do.....	-----	-----	1	Do.
<i>Sternbergia</i> sp.....	do.....	-----	-----	1	Do.
<i>Saldula saltatoria</i> (L.) (Saldidae): Soil and moss packing.....	Ireland.....	-----	-----	1	New York.
<i>Scolopostethus affinis</i> (Schilling) (Lygaeidae): Soil around rhododendrons.....	England.....	-----	-----	1	Washington.
<i>Scolytus intricatus</i> (Ratz.) (Scolytidae): <i>Quercus</i> sp. (oak).....	do.....	1	-----	-----	New York.
<i>Sesamia cretica</i> (Led.) (Phalaenidae): <i>Sorghum vulgare technicum</i> (broomcorn).....	France, Italy.....	23	-----	-----	Maryland, New York.
<i>Sesamia vuteria</i> (Stoll) (Phalaenidae): <i>Sorghum vulgare technicum</i> (broomcorn).....	Morocco, Portugal.....	3	-----	-----	New York.
<i>Sibine stimulea</i> (Clem.) (Limacodidae): <i>Musa paradisiaca sapientum</i> (banana).....	Costa Rica.....	1	-----	-----	California.*
<i>Sinozylon anale</i> Lesne (Bostrichidae): Wood.....	India.....	2	-----	-----	New York.
<i>Sinozylon conigerum</i> Gerst. (Bostrichidae): <i>Cocos nucifera</i> (coconut).....	Hawaii.....	1	-----	-----	Hawaii.
Wood.....	Ceylon, India.....	21	-----	-----	New York.
<i>Sinozylon sexdentatum</i> (Oliv.) (Bostrichidae): Leguminosae (?).....	Algeria.....	1	-----	-----	Pennsylvania.
Wood staves.....	do.....	2	-----	-----	Do.
<i>Sisamnes contractus</i> Dist. (Lygaeidae): <i>Ananas comosus</i> (pineapple).....	Mexico.....	14	-----	-----	Texas.
<i>Sitona humeralis</i> Steph. (Curculionidae): <i>Allium sativum</i> (garlic).....	Italy.....	1	-----	-----	New York.
<i>Lilium</i> sp. (lily).....	do.....	-----	-----	1	Do.
<i>Rosa</i> sp. (rose).....	do.....	-----	-----	1	Do.
<i>Vitis</i> sp. (grape).....	do.....	1	-----	-----	Do.
<i>Sitona lineata</i> (L.) (Curculionidae): <i>Apium graveolens</i> (celery).....	Netherlands.....	-----	1	-----	Pennsylvania.
<i>Narcissus</i> sp.....	do.....	-----	-----	1	New York.
<i>Rhododendron</i> sp.....	do.....	-----	-----	1	New Jersey.

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<i>Sireonotus luteiceps</i> Reuter (Miridae):					
Cactus	Mexico			1	Texas.
Flower	do	1			Do.
<i>Mammillaria</i> sp. (cactus)	do			1	Do.
Succulent plant	do			1	Arizona.
<i>Sparteus villosus</i> (F.) (Bruchidae):					
<i>Cytisus purpureus</i> (purple broom)	Italy			2	New Jersey.
<i>Cytisus scoparius</i> (Scotch broom)	do			1	Do.
<i>Cytisus</i> sp.	Austria			1	Washington.
<i>Laburnum anagyroides</i> (goldenchain)	Italy			1	New Jersey.
<i>Spartium junceum</i> (weavers-broom)	do			1	Do.
<i>Specularius impressithorax</i> (Pic) (Bruchidae):					
<i>Erythrina tomentosa</i>	Kenya			1	Do.
<i>Spermophagus cardui</i> (Boh.) (Bruchidae):					
<i>Convolvulus arvensis</i>	Turkey			1	District of Columbia.
<i>Sphenarches caffer</i> (Zell.) (Pterophoridae):					
<i>Cajanus cajan</i> (pigeonpea)	Puerto Rico	5			New York.
<i>Spintherus leguminum</i> Ratz. (Pteromalidae):					
<i>Astragalus</i> sp.	Turkey			1	District of Columbia.
<i>Stenoma anonella</i> Sepp. (Stenomidae):					
<i>Annona muricata</i> (sour sop)	Panama	1			Florida.*
<i>Annona</i> sp.	Salvador	1			Louisiana.
<i>Stenoma catenifer</i> (Wlsm.) (Stenomidae):					
<i>Persea americana</i> (avocado)	Brazil, British West Indies, Colombia, Ecuador, Guatemala, Honduras, Mexico, Nicaragua, Panama, Peru, Puerto Rico, Salvador, Venezuela, Honduras.	19	12		Alabama, California*, Florida*, Louisiana, Massachusetts, New York, Texas.
<i>Persea schiedeana</i> (coyo avocado)	Honduras			1	Florida.
<i>Stephanitis pyrioides</i> Scott (Tingidae):					
<i>Rhododendron</i> sp.	Japan			1	California.*
<i>Stephanoderes buscki</i> Hopk. (Scolytidae):					
<i>Myristica fragrans</i> (nutmeg)	British West Indies.	1			New York.
<i>Stephanoderes hampei</i> (Ferr.) (Scolytidae):					
<i>Coffea</i> sp. (coffee)	Brazil		1		Do.
<i>Stephanoderes lecontei</i> Hopk. (Scolytidae):					
<i>Musa paradisiaca sapientum</i> (banana)	Guatemala	1			South Carolina.
<i>Poinciana</i> sp. (?)	Mexico	1			Texas.
<i>Saccharum officinarum</i> (sugarcane)	do	1			Do.
Seed pod	do	1			Do.
<i>Strophosoma melanogramma</i> Forst. (Curculionidae):					
Woods moss	Germany			1	New Jersey.
<i>Systole geniculata</i> Foerst. (Eurytomidae):					
<i>Anethum graveolens</i> (dill)	India (?)		1		Pennsylvania
<i>Petroselinum crispum</i> (parsley)	Mexico	1			Arizona.
<i>Taeniothrips atratus</i> (Hal.) (Thripidae):					
<i>Aster</i> sp.	Switzerland		1		New York.
<i>Dianthus</i> sp. (carnation)	Sweden	1			Massachusetts.
<i>Lathyrus odoratus</i> (sweet pea)	Scotland, Sweden.		2		New York.
<i>Rosa</i> sp. (rose)	Sweden	1			Do.
<i>Taeniothrips dianthi</i> Fr. (Thripidae):					
<i>Dianthus</i> sp. (carnation)	Unknown		1		Do.
<i>Taeniothrips gracilis</i> Mit. (Thripidae):					
<i>Lycoris</i> sp.	China			1	New Jersey.
<i>Vanda</i> sp. (orchid)	India			1	Do.

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<i>Taeniothrips hawaiiensis</i> (Morg.) (Thripidae):					
<i>Bougainvillea</i> sp.-----	Hawaii-----	2-----	-----	-----	California.*
<i>Canavalia</i> sp.-----	do-----	7-----	-----	-----	Do.
<i>Dianthus</i> sp. (carnation)-----	do-----	6-----	-----	-----	Do.
Flower lei-----	do-----	1-----	-----	-----	Do.
<i>Gardenia augusta</i> (gardenia)-----	do-----	1-----	-----	-----	Do.
<i>Taeniothrips simplex</i> (Mor.) (Thripidae):					
<i>Dianthus</i> sp. (carnation)-----	Guatemala, Mexico, Peru-----	2-----	1-----	-----	Louisiana, Texas.
<i>Gladiolus</i> sp.-----	Cuba, Mexico, Netherlands, New Zealand, Peru, Venezuela-----	10-----	3-----	5-----	California*, Louisiana, New Jersey, New York, Texas, Washington, New Jersey.
<i>Ornithogalum thyrsoides</i> (chinkerichee)-----	Cape of Good Hope-----	-----	-----	1-----	
<i>Talponia batesi</i> Hein. (Olethreutidae):					
<i>Annona cherimola</i> (cherimoya)-----	Mexico-----	2-----	-----	-----	Texas.
<i>Tanymecus confusus</i> Say (Curculionidae):					
<i>Ananas comosus</i> (pineapple)-----	do-----	1-----	-----	-----	Do.
" <i>Targionia</i> " <i>bromiliae</i> (Leon.) (Coccidae):					
<i>Ananas comosus</i> (pineapple)-----	Cuba, Hawaii, Mexico-----	40-----	-----	-----	California*, New York, Texas.
" <i>Targionia</i> " <i>hartii</i> (Ckll.) (Coccidae):					
<i>Dioscorea</i> sp. (yam)-----	American Virgin Islands, Barbados, China, Nevis, St. Kitts, West Indies-----	6-----	-----	-----	Hawaii, Massachusetts, New York.
" <i>Targionia</i> " <i>sacchari</i> (Ckll.) (Coccidae):					
<i>Cymbopogon citratus</i> (lemon grass)-----	Jamaica-----	1-----	-----	-----	Florida.*
Gramineae-----	Guam-----	-----	-----	1-----	California.*
<i>Pennisetum purpureum</i> (napier grass)-----	Trinidad-----	-----	-----	1-----	New Jersey.
<i>Saccharum officinarum</i> (sugarcane)-----	Puerto Rico-----	2-----	-----	-----	New York, Virginia.
<i>Tenthoris vitis</i> (Sign.) (Coccidae):					
<i>Vitis</i> sp. (grape)-----	Italy-----	-----	-----	1-----	Michigan.
<i>Tenthoris angustimarginatus</i> Hsiao & Sailer (Miridae):					
<i>Laelia</i> sp. (orchid)-----	Mexico-----	-----	-----	2-----	Texas.
Orchid-----	do-----	-----	-----	10-----	Do.
<i>Tenthoris bicolor</i> Scott (Miridae):					
<i>Cattleya</i> sp. (orchid)-----	Brazil-----	-----	-----	1-----	New Jersey.
Orchid-----	do-----	-----	-----	1-----	Puerto Rico.
<i>Tenthoris confusus</i> Hsiao & Sailer (Miridae):					
<i>Cattleya</i> sp. (orchid)-----	Honduras-----	-----	-----	1-----	Texas.
<i>Laelia anceps</i> (orchid)-----	Mexico-----	1-----	-----	-----	Do.
<i>Laelia</i> sp.-----	do-----	-----	-----	1-----	Do.
Orchid-----	do-----	-----	-----	10-----	Do.
<i>Tenthoris distinctus</i> Hsiao & Sailer (Miridae):					
<i>Cynochos chlorochilon</i> (orchid)-----	Canal Zone-----	-----	-----	1-----	Florida.
Orchid-----	Mexico-----	-----	-----	14-----	Texas.
<i>Tenthoris distinguendus</i> Hsiao & Sailer (Miridae):					
Orchid-----	Costa Rica-----	-----	-----	1-----	Florida.
<i>Tenthoris exiliosus</i> (Dist.) (Miridae):					
<i>Cattleya</i> sp. (orchid)-----	Colombia-----	-----	-----	1-----	Texas.
<i>Tenthoris venezuelensis</i> Hsiao & Sailer (Miridae):					
<i>Cattleya</i> sp. (orchid)-----	Venezuela-----	-----	-----	5-----	New Jersey, Texas.
Orchid-----	do-----	-----	-----	4-----	Florida, New Jersey, New York.
<i>Tenthoris vestitus</i> (Dist.) (Miridae):					
<i>Epidendrum fragrans</i> (orchid)-----	Guatemala-----	-----	-----	1-----	California.*

List of pests (insects) collected and reported from July 1, 1948, to June 30, 1949, inclusive
—Continued

[An asterisk indicates State inspection]

Insect and host	Country of origin	Number of interceptions in—			Collected in—
		Con- sump- tion	Non- entry	Prop- aga- tion	
<i>Tenthecoris vestitus</i> —Continued					
<i>Odontoglossum pulchellum</i> (orchid) ..	do.			1	California.*
<i>Oncidium bicallosum</i> (orchid) ..	do.			1	Do.
<i>Termes hispaniolae</i> (Banks) (Termitidae):					
<i>Chlorophora tinctoria</i> (fustictree) ..					
<i>Tetraleurodes hederæ</i> Goux (Aleyrodidae):	Colombia	1			New York.
<i>Hedera canariensis</i> var. <i>variegata</i>					
<i>Tetraleurodes mori</i> (Q.) (Aleyrodidae):	France			1	New Jersey.
<i>Citrus aurantifolia</i> (sour lime) ..					
<i>Citrus sinensis</i> (orange) ..	Mexico	1			Texas.
<i>Citrus</i> sp.	do.	6			Do.
Leaf ..	do.	9			Do.
<i>Nerium oleander</i> (oleander) ..	do.			1	Arizona.
<i>Psidium guajava</i> (guava) ..	do.	1			Do.
<i>Tetrapriocera longicornis</i> (Oliv.) (Bos-trichidae):	do.	1		1	Do.
<i>Ananas comosus</i> (pineapple) ..					
<i>Thamnophthorus schwarzi</i> Blkm. (Scolytidae):	do.	1			Texas.
<i>Persea americana</i> (avocado) ..					
<i>Thrips angusticeps</i> Uzel (Thripidae):	do.	2			Do.
<i>Cichorium intybus</i> (chicory) ..					
<i>Thrips flavus</i> Schr. (Thripidae):	France		1		New York.
<i>Dianthus</i> sp. (carnation) ..					
<i>Phlox</i> sp.	Norway	1			Do.
<i>Rosa</i> sp. (rose) ..	England			1	New Jersey.
<i>Rudbeckia</i> sp.	Germany	1			New York.
<i>Thrips fuscipennis</i> Hal. (Thripidae):	Denmark		1		Do.
<i>Aster</i> sp.					
<i>Rudbeckia</i> sp.	Switzerland		1		Do.
<i>Thrips hawaiiensis</i> (Morg.) (Thripidae):	Denmark		1		Do.
<i>Vanda</i> sp. (orchid) ..					
<i>Thrips nigropilosus</i> Uzel (Thripidae):	Hawaii	1			Hawaii.
<i>Aster</i> sp.					
<i>Thrips trehernei</i> Pr. (Thripidae):	England			1	New Jersey.
<i>Dianthus</i> sp. (carnation) ..					
<i>Tomasia postica</i> Wlk. (Cercopidae):	British Columbia.	1			Minnesota.
<i>Saccharum officinarum</i> (sugarcane) ..					
<i>Tomoplagia obliqua</i> (Say) (Tephritidae):	Mexico	1			Arizona.
Airplane ..					
<i>Trapezomolus arenarius</i> (L.) (Lygaeidae):	do.		1		Texas.
Soil ..					
Woods moss around rose cutting ..	France			1	New York.
<i>Trialeurodes lauri</i> (Sign.) (Aleyrodidae):	Germany			1	New Jersey.
<i>Laurus</i> sp.					
<i>Trialeurodes vaporariorum</i> (Westw.) (Aleyrodidae):	Italy	2			New York.
Herb ..					
<i>Jasminum polyanthum</i> ..	Mexico	1			Texas.
<i>Rosa</i> sp. (rose) ..	England			1	California.*
<i>Trichobaris mucorea</i> (Lec.) (Curculionidae):	Mexico			1	Texas.
<i>Solanum melongena</i> (eggplant) ..					
<i>Trionymus lounsburyi</i> Brain (Coccidae):	do.	1			Arizona.
<i>Ornithogalum thyrsoides</i> (chinkerichee)					
<i>Trioza anceps</i> Tuth. (Psyllidae):	Union of South Africa.			1	New Jersey.
Leaf ..					
<i>Trochuda raspa</i> (Druce) (Perleopidae):	Mexico	1			Texas.
Orchid ..					
<i>Trupanea pentziana</i> Munro (Tephritidae):	do.			1	Do.
<i>Pentzia spinescens</i> ..					
<i>Tychius inermis</i> Csy. (Curculionidae):	Pretoria			1	District of Columbia.
<i>Tillandsia usneoides</i> (Spanish moss)					
<i>Utopa reticulata</i> (F.) (Cicadellidae):	Mexico	1			Texas.
<i>Calluna vulgaris</i> (heather) ..					
<i>Unaspis citri</i> (Comst.) (Coccidae):	Scotland			1	Washington.
<i>Citrus paradisi</i> (grapefruit) ..					
<i>Citrus reticulata</i> (tangerine) ..	Panama		1		California.*
	Brazil		1		New York.

List of pests (insects) collected and reported from July 1, 1948, to June 30, 1949, inclusive
—Continued

[An asterisk indicates State inspection]

Insect and host	Country of origin	Number of interceptions in—			Collected in—
		Con- sump- tion	Non- entry	Prop- aga- tion	
<i>Unaspis citri</i> —Continued <i>Citrus sinensis</i> (orange)-----	Argentina, Brazil, Mexico, Panama, Trinidad.	-----	5	-----	California*, Florida.*
<i>Unaspis yanonensis</i> (Kuw.) (Coccidae): <i>Citrus reticulata</i> (tangerine)-----	Japan-----	-----	3	-----	California.*
<i>Vallissus diversus</i> (Dist.) (Lygaeidae): Orchid-----	Mexico-----	-----	-----	1	Texas.
<i>Vesiculaphis caricis</i> (Full.) (Aphidae): <i>Rhododendron</i> sp.-----	Japan-----	-----	-----	1	Washington.
<i>Vinsonia stellifera</i> (Westw.) (Ooccidae): <i>Aspasia</i> sp. (orchid)-----	Canal Zone-----	-----	-----	1	Texas.
<i>Brassia caudata</i> (orchid)-----	do-----	-----	-----	1	California.*
<i>Bromellad</i> -----	do-----	-----	-----	2	California*, New Jersey.
<i>Cattleya</i> sp. (orchid)-----	Venezuela-----	-----	-----	1	New Jersey.
<i>Cynoches chlorochilon</i> (orchid)-----	Canal Zone-----	-----	-----	1	Florida.
<i>Izora</i> sp.-----	Trinidad-----	-----	-----	1	Do.
<i>Oncidium confusum</i> (orchid)-----	Canal Zone-----	-----	-----	2	Hawaii, Texas.
Orchid-----	Canal Zone, Jamaica.	-----	-----	5	California*, Florida.
<i>Renanthera</i> sp. (orchid)-----	Straits Settle- ments.	-----	-----	1	New Jersey.
<i>Xyleborus affinis</i> Eichh. (Scolytidae): Log-----	Costa Rica-----	2	-----	-----	South Caro- lina.
<i>Xylomeira torquata</i> (F.) (Bostrichidae): <i>Agrostis alba</i> (redtop)-----	Mexico-----	1	-----	-----	Texas.
<i>Ananas comosus</i> (pineapple)-----	do-----	1	-----	-----	Do.
<i>Xylopsocus capucinus</i> (F.) (Bostrichi- dae): <i>Derris</i> sp.-----	China-----	1	-----	-----	New York.
<i>Xylosandrus morigerus</i> (Bldfd.) (Scoly- tidae): <i>Dendrobium phalaenopsis</i> (orchid)-----	Australia-----	-----	-----	1	California.*
<i>Xylothrips flavipes</i> (Ill.) (Bostrichidae): Wood-----	Ceylon-----	1	-----	-----	New York.
<i>Zabrotes subfasciatus</i> (Boh.) (Bruchidae): Airplane-----	Honduras-----	-----	1	-----	Texas.
Bean-----	Cuba, England, Mexico, Netherlands, Portugal, Puerto Rico, Venezuela.	5	4	-----	District of Columbia, Missouri, New York, Texas.
<i>Cajanus cajan</i> (pigeonpea)-----	Guatemala-----	-----	-----	2	District of Columbia.
<i>Chrysanthemum</i> sp.-----	Mexico-----	1	-----	-----	Texas.
<i>Lycopersicon esculentum</i> (tomato)-----	do-----	1	-----	-----	Do.
<i>Phaseolus lunatus</i> (sieva bean)-----	Guatemala-----	-----	-----	1	District of Columbia.
<i>Phaseolus lunatus macrocarpus</i> ----- (lima bean)	Argentina-----	-----	1	-----	Texas.
<i>Phaseolus vulgaris</i> (kidney bean)-----	India-----	-----	-----	1	District of Columbia.
<i>Phaseolus</i> sp.-----	Mexico, Puerto Rico.	1	1	-----	California*, New York.
<i>Zale sabena</i> (Schaus) (Phalaenidae): Orchid-----	Mexico-----	-----	-----	1	Texas.

- ABIES:**
Aspidiotus abietis (Homoptera)
- ACACIA:**
Algarobius ceratioborus (Coleoptera)
Dendrobiella sericans (Coleoptera)
Mimosestes dominicanus (Coleoptera)
- ACER:**
Ceroplastes ceriferus (Homoptera)
Parlatoria theae (Homoptera)
- ACHRAS:**
Anastrepha serpentina (Diptera)
Aspidiotus diffinis (Homoptera)
Asterolecanium pustulans (Homoptera)
- AGAVE:**
Crophius scabrosus (Coleoptera)
Monomorium destructor (Hymenoptera)
- AGROSTIS:**
Xylomeira torquata (Coleoptera)
- ALLIUM CEPA:**
Acrolepia assectella (Lepidoptera)
Lygaeus consanguinitus (Coleoptera)
Myzus ascalonicus (Homoptera)
- ALLIUM PORRUM:**
Acrolepia assectella (Lepidoptera)
- ALLIUM SATIVUM:**
Brachycerus albidentatus (Coleoptera)
Brachycerus algirus (Coleoptera)
Listroderes aequivocus (Coleoptera)
Sitona humeralis (Coleoptera)
- ALOE:**
"Chionaspis" exalbida (Homoptera)
"Chionaspis" humilis (Homoptera)
- ALYXIA:**
Ceroplastes rubens (Homoptera)
Eucalymnatus tessellatus (Homoptera)
- ANANAS:**
Acrosticta mexicana (Diptera)
Alpheias conspirata (Lepidoptera)
Chalcodermus dentiferus (Coleoptera)
Clerala apicornis (Coleoptera)
Genopaschia protomis (Lepidoptera)
Horistonotus dilaticornis (Coleoptera)
Horistonotus rufiventris (Coleoptera)
Hypolithus pectoralis (Coleoptera)
Ligyrocoris litigiosus (Hemiptera)
Monomorium destructor (Hymenoptera)
Pheiodole megacephala (Hymenoptera)
Platynota rostrana (Lepidoptera)
Platypus rugulosus (Coleoptera)
Ribua innoxia (Lepidoptera)
Sisamnes contractus (Hemiptera)
Tanymecus confusus (Coleoptera)
"Targionia" bromiliae (Homoptera)
Tetrapriocera longicornis (Coleoptera)
Xylomeira torquata (Coleoptera)
- ANEMONE:**
Anuraphis tulipae (Homoptera)
- ANETHUM:**
Systole geniculata (Hymenoptera)
- ANNONA:**
Aleurotrachelus trachoides (Homoptera)
Anastrepha fraterculus (?) (Diptera)
Anastrepha ludens (Diptera)
Coccotrypes carpophagus (Coleoptera)
Stenomoma anonella (Lepidoptera)
Talponia batesi (Lepidoptera)
- ANTHURIUM:**
Asterolecanium epidendri (Homoptera)
Ceroplastes rubens (Homoptera)
Chrysomphalus umboniferus (Homoptera)
Pinnaspis buzi (Homoptera)
Pulebinaria psidii (Homoptera)
- ANTIDESMA:**
Protopulvinaria longivalvata (Homoptera)
- ANTIRRHINUM:**
Frankliniella insularis (Thysanoptera)
- APIUM:**
Euleia heraclei (Diptera)
Psila rosae (Diptera)
Sitona lineata (Coleoptera)
- ARMERIA:**
Rhinoncus pyrrhopus (Coleoptera)
- ARUM:**
Ripersiella palestinae (Homoptera)
- ARUNDINA:**
Pseudischchnaspis acephala (Homoptera)
- ASPASIA:**
Vinsonia stellifera (Homoptera)
- ASTER:**
Prodenia eridania (Lepidoptera)
Taeniothrips atratus (Thysanoptera)
Thrips fuscipennis (Thysanoptera)
Thrips nigropilosus (Thysanoptera)
- ASTILBE:**
Brachyrhinus sulcatus (Coleoptera)
- ASTRAGALUS:**
Spintherus leguminum (Hymenoptera)
- AUCUBA:**
Parlatoria camelliae (Homoptera)
- BAMBOO:**
Asterolecanium bambusae (Homoptera)
Dinoderus brevis (Coleoptera)
Heterostrotrychus aequalis (Coleoptera)
- BETA:**
Aeoloides griseus (Coleoptera)
Lizus junci (Coleoptera)
Megasternum boletophagum (Coleoptera)
Platynota stultana (Lepidoptera)
Polia oleracea (Lepidoptera)
Pyrausta nubilalis (Lepidoptera)
- BOUGAINVILLEA:**
Haplothrips gowdeyi (Thysanoptera)
Taeniothrips hawaiiensis (Thysanoptera)
- BRACHYCHITON:**
Doratifera orleyi (Lepidoptera)
- BRASSAVOLA:**
Furcaspis biformis (Homoptera)
Pseudischchnaspis alienus (Homoptera)
- BRASSIA:**
Vinsonia stellifera (Homoptera)
- BRASSICA OLERACEA BOTRYTIS:**
Leptophobia aripa (Lepidoptera)
Lygus fraudulentus (Hemiptera)
Mamestra brassicae (Lepidoptera)
- BRASSICA OLERACEA CAPITATA:**
Diabrotica speciosa (Coleoptera)
Eurydema ornatum (Hemiptera)
Evergestis forficatus (Lepidoptera)
Evergestis rimosalis (Lepidoptera)
Hellula phidilealis (Lepidoptera)
Mamestra brassicae (Lepidoptera)
- BRASSICA RAPA:**
Hellula phidilealis (Lepidoptera)
- BRASSICA SP. (mustard)**
Glyphonyx quadricollis (Coleoptera)
- BROMELIAD:**
Chelymophra biannularis (Coleoptera)
Epilachna varivestis (Coleoptera)
Lygaeus vittiscutis (Hemiptera)
Monanthia monotropidia (Hemiptera)
Ozophora consanguineus (Hemiptera)
Vinsonia stellifera (Homoptera)
- BROWNEA:**
Dercynus micronyx (Coleoptera)
- BRYOPHYLLUM:**
Coccus viridis (Homoptera)
Haplothrips gowdeyi (Thysanoptera)
- CACTUS:**
Icerya palmeri (Homoptera)
Lepidosaphes philococcus (Homoptera)
Mimorista flavidissimalis (Lepidoptera)
Pseudodiaspis yuccae (Homoptera)
Sizeonotus luteiceps (Hemiptera)
- CAESALPINIA:**
Algarobius ceratioborus (Coleoptera)
- CAJANUS:**
Acanthoscelides armitagei (Coleoptera)
Ancylostomia stercorea (Lepidoptera)
Callosobruchus chinensis (Coleoptera)
Callosobruchus maculatus (Coleoptera)
Cryptcephalus nigrocinctus (Coleoptera)
Fumidella pellucens (Lepidoptera)
Maruca testulalis (Lepidoptera)
Monomorium destructor (Hymenoptera)
Neodryocoetes guianae (Coleoptera)
Sphenarches caffer (Lepidoptera)
Zabrotes subfasciatus (Coleoptera)
- CALLUNA:**
Dalopius marginatus (Coleoptera)
Gelechia ericetella (Lepidoptera)
Micrelus ericae (Coleoptera)
Ulopa reticulata (Homoptera)
- CALOCARPUM:**
Anastrepha serpentina (Diptera)
- CAMELLIA:**
Aleurotrachelus camelliae (Homoptera)

CAMELLIA—Continued

- Aspidiotus degeneratus* (Homoptera)
- Ceroplastes rubens* (Homoptera)
- Coptosoma cribraria* (Hemiptera)
- Parlatoria camelliae* (Lepidoptera)

CANANGIUM:

- Aonidiella citrina* (Homoptera)

CANAVALIA:

- Haplothrips gowdeyi* (Thysanoptera)
- Lampides boeticus* (Lepidoptera)
- Maruca testulalis* (Lepidoptera)
- Taeniothrips hawaiiensis* (Thysanoptera)

CAPSIUM:

- Arvelius albopunctatus* (Hemiptera)
- Dysdercus mimulus* (Hemiptera)
- Gnorimoschema gudmannella* (Lepidoptera)
- Lineodes triangularis* (Lepidoptera)
- Liriomyza pusilla* (Diptera)
- Platynota rostrana* (Lepidoptera)
- Platynota stultana* (Lepidoptera)

CARICA:

- Ceratitidis capitata* (Diptera)
- Dacus dorsalis* (Diptera)

CASSIA:

- Caryedon fuscus* (Coleoptera)

CASTANEA:

- Hemimene juliana* (Lepidoptera)
- Laspeyresia splendana* (Lepidoptera)

CATASETUM:

- Asterolecanium epidendri* (Homoptera)
- Ferrisiana virgata* (Homoptera)

CATTLEA:

- Asterolecanium epidendri* (Homoptera)
- Calligrapha elegantula* (Coleoptera)
- Chrysomphalus tenax* (Homoptera)
- Coccus pseudohesperidum* (Homoptera)
- Eurytoma orchidearum* (Hymenoptera)
- Furcaspis biformis* (Homoptera)
- Mordellistena cattleyana* (Coleoptera)
- Pseudischinaspis alienus* (Homoptera)
- Pseudoparlatoria ostreata* (Homoptera)
- Tenthecoris bicolor* (Hemiptera)
- Tenthecoris confusus* (Hemiptera)
- Tenthecoris exitiosus* (Hemiptera)
- Tenthecoris venezuelensis* (Hemiptera)
- Vinsonia stellifera* (Homoptera)

CEDRUS:

- Gastrodes pacificus* (Hemiptera)
- Physorhinus distigma cephalicus* (Coleoptera)

CEIBA:

- Platypus rugulosus* (Coleoptera)

CERATONIA:

- Myelois ceratoniae* (Lepidoptera)
- Myelois notatalis* (Lepidoptera)

CERCIDIUM:

- Phelomerus germaini* (Coleoptera)

CHAENOMELES:

- Ceroplastes japonicus* (Homoptera)
- Ceroplastes rubens* (Homoptera)

CHLOROPHORA:

- Termes hispaniolae* (Isoptera)

CHRYSANTHEMUM:

- Anuraphis helichrysi* (Homoptera)
- Camirus comicus* (Hemiptera)
- Ligyrocotis aurivilliana* (Hemiptera)
- Loxostege similalis* (Lepidoptera)
- Lygus oblineatus* (Hemiptera)
- Prodenia eridania* (Lepidoptera)
- Psila rosae* (Diptera)
- Zabrotes subfasciatus* (Coleoptera)

CHRYSOPHYLLUM:

- Anastrepha serpentina* (Diptera)

CICER:

- Callosobruchus analis* (Coleoptera)
- Callosobruchus chinensis* (Coleoptera)
- Callosobruchus maculatus* (Coleoptera)

CICORIUM:

- Phytomyza atricornis* (Diptera)
- Thrips angusticeps* (Thysanoptera)

CIRRHOPETALUM:

- Pinnaspis buxi* (Homoptera)

CISTUS:

- Bruchidius biguttatus fulvipennis* (Coleoptera)

CITRUS AURANTIFOLIA:

- Aleurocanthus woglumi* (Homoptera)
- Anastrepha ludens* (Diptera)
- Aonidiella comperei* (Homoptera)
- Aspidiotus excisus* (Homoptera)

CITRUS AURANTIFOLIA—Continued

- Aspidiotus palmarum* (Homoptera)
- Chrysomphalus personatus* (Homoptera)
- Coccus viridis* (Homoptera)
- Leucaspis cockerelli* (Homoptera)
- Morganella longispina* (Homoptera)
- Parlatoria cinerea* (Homoptera)
- Parlatoria citri* (Homoptera)
- Parlatoria zizyphus* (Homoptera)
- Tetraleurodes mori* (Homoptera)

CITRUS AURANTIUM:

- Anastrepha ludens* (Diptera)

CITRUS GRANDIS:

- Parlatoria cinerea* (Homoptera)
- Parlatoria zizyphus* (Homoptera)

CITRUS LIMON:

- Ceratitidis capitata* (?) (Diptera)
- Morganella longispina* (Homoptera)
- Parlatoria zizyphus* (Homoptera)
- Pseudonidia trilobitiformis* (Homoptera)

CITRUS PARADISI:

- Anastrepha fraterculus* (Diptera)
- Anastrepha ludens* (Diptera)
- Anastrepha serpentina* (Diptera)
- Aonidiella citrina* (Homoptera)
- Ceratitidis capitata* (Diptera)
- Leucaspis cockerelli* (Homoptera)
- Parlatoria cinerea* (Homoptera)
- Parlatoria zizyphus* (Homoptera)
- Unaspis citri* (Homoptera)

CITRUS RETICULATA:

- Anastrepha ludens* (Diptera)
- Aonidiella inornata* (Homoptera)
- Ceratitidis capitata* (Diptera)
- Parlatoria zizyphus* (Homoptera)
- Unaspis citri* (Homoptera)
- Unaspis yanonensis* (Homoptera)

CITRUS SINENSIS:

- Aleurocanthus woglumi* (Homoptera)
- Anastrepha fraterculus* (Diptera)
- Anastrepha ludens* (Diptera)
- Anastrepha serpentina* (Diptera)
- Anastrepha suspensa* (Diptera)
- Aspidiotus palmarum* (Homoptera)
- Ceratitidis capitata* (Diptera)
- Chrysomphalus personatus* (Homoptera)
- Cryptoblabes gnidiella* (Lepidoptera)
- Gymnandrosoma aurantianum* (Lepidoptera)
- Leucaspis cockerelli* (Homoptera)
- Morganella longispina* (Homoptera)
- Myelois ceratoniae* (Lepidoptera)
- Parlatoria cinerea* (Homoptera)
- Parlatoria zizyphus* (Homoptera)
- Tetraleurodes mori* (Homoptera)
- Unaspis citri* (Homoptera)

CITRUS TANKAN:

- Coccus viridis* (Homoptera)

CITRUS SP.:

- Dialeurodes citri* (Homoptera)
- Tetraleurodes mori* (Homoptera)

COCOS:

- Achatina fulica* (Mollusca)
- Aonidiella inornata* (Homoptera)
- Aspidiotus coryphae* (Homoptera)
- Aspidiotus destructor* (Homoptera)
- Aspidiotus spinosus* (Homoptera)
- Chrysomphalus albopictus* (Homoptera)
- Chrysomphalus personatus* (Homoptera)
- Dacus dorsalis* (Diptera)
- Diocalandra taiwanensis* (Coleoptera)
- Ereunetis flavistriata* (Lepidoptera)
- Ferrisiana virgata* (Homoptera)
- "*Lepidosaphes*" *esakii* (Homoptera)
- Lepidosaphes tubulorum* (?) (Homoptera)
- Leucaspis cockerelli* (Homoptera)
- Phenacaspis sandwicensis* (?) (Homoptera)
- Pseudococcus palmarum* (Homoptera)
- Sinozylon conigerum* (Coleoptera)

CODIAEUM:

- Ferrisiana virgata* (Homoptera)
- Lepidosaphes tokionis* (Homoptera)
- Parlatoria crotonis* (Homoptera)

COELOGYNE:

- Lepidosaphes tuberculata* (Homoptera)
- Monomorium destructor* (Hymenoptera)

COFFEA:

- Ceratitidis capitata* (Diptera)
- Dacus dorsalis* (Diptera)

COFFEA—Continued

Stephanoderes hampei (Coleoptera)

COLCHICUM:

Forficula auricularia (Dermaptera)

COLEUS:

Phenacoccus gossypii (Homoptera)

CONVOLVULUS:

Spermophagus cardui (Coleoptera)

CORDIA:

Algarobius ceratioborus (Coleoptera)

Aonidiella citrina (Homoptera)

CORDYLINE:

Callosobruchus chinensis (Coleoptera)

CORYLUS:

Pyrausta nubilalis (Lepidoptera)

CORYPHANTHA:

Gerstaeckeria mutillaris (Coleoptera)

CRASSULA:

"Chionaspis" indigoferae (Homoptera)

CRATAEGUS:

Ceroplastes ceriferus (Homoptera)

Grapholitha packardii (Lepidoptera)

Rhagoletis pomonella (Diptera)

CROCUS:

Anuraphis tulipae (Homoptera)

Forficula auricularia (Dermaptera)

CUCUMIS:

Dacus curvibitae (Diptera)

Diaphania hyalinata (Lepidoptera)

Diaphania nitidalis (Lepidoptera)

CUCURBITA:

Dacus cucurbitae (Diptera)

Diaphania hyalinata (Lepidoptera)

Diaphania nitidalis (Lepidoptera)

CUPRESSUS:

Anomala rufocuprea viridiaenea (Coleoptera)

Aspidiotus pseudomeyeri (Homoptera)

Lepidosaphes pallida (Homoptera)

Ptochoryctis tsugensis (?) (Lepidoptera)

CYATHEACEAE:

Poecilips persicae (Coleoptera)

CYBISTAX:

Brentus anchorago (Coleoptera)

CYCNOCHEUS:

Tenthecoris distinctus (Hemiptera)

Vinsonia stellifera (Homoptera)

CYDONIA:

Anastrepha ludens (Diptera)

Ceratitidis capitata (Diptera)

Parlatoria chinensis (Homoptera)

CYMBIDIUM:

Forficula auricularia (Dermaptera)

Lepidosaphes tuberculata (Homoptera)

Monomorium destructor (Hymenoptera)

Pseudaonidia curculiginis (Homoptera)

CYMBOPOGON:

"Targionia" sacchari (Homoptera)

CYNARA:

Apion carduorum (Coleoptera)

Gortyna flavago (Lepidoptera)

CYPRIPEDIUM:

Coccus capparidis (Homoptera)

CYTISUS:

Bruchidius lividimanus (Coleoptera)

Sparteus villosus (Coleoptera)

DAHLIA:

Iridomyrmex humilis (Hymenoptera)

DANTHONIA:

Chirothrips manicatus (Thysanoptera)

DAUCUS:

Phalonia zephyrana (Lepidoptera)

Psila rosae (Diptera)

DENDROBIUM:

Asterolecanium epidendri (Homoptera)

Lepidosaphes tuberculata (Homoptera)

Leucaspis cockerelli (Homoptera)

Monomorium destructor (Hymenoptera)

Morganella longispina (Homoptera)

Pinnaspis buxi (Homoptera)

Xylosandrus morigerus (Coleoptera)

DERRIS:

Xylopocus capucinus (Coleoptera)

DIANTHUS:

Haplothrips cottei (Thysanoptera)

Haplothrips gowdeyi (Thysanoptera)

Iridomyrmex humilis (Hymenoptera)

Pachybrachius luridus (Hemiptera)

Taeniothrips atratus (Thysanoptera)

DIANTHUS—Continued

Taeniothrips dianthi (Thysanoptera)

Taeniothrips hawaiiensis (Thysanoptera)

Taeniothrips simplex (Thysanoptera)

Thrips flavus (Thysanoptera)

Thrips trehernei (Thysanoptera)

DIOSCOREA:

Iridomyrmex humilis (Hymenoptera)

"Targionia" hartii (Homoptera)

DIOSPYROS:

Aspidiotus spinosus (Homoptera)

Ceratitidis capitata (Diptera)

Dacus dorsalis (Diptera)

Lepidosaphes conchiformis (Homoptera)

DOLICHOS:

Callosobruchus chinensis (Coleoptera)

Callosobruchus phaseoli (Coleoptera)

ECHVEERIA:

Eumysia stigmella (Lepidoptera)

ELETTARIA:

Ferrisiana virgata (Homoptera)

EPIDENDRUM:

Ferrisiana virgata (Homoptera)

Furcaspis bififormis (Homoptera)

Mordellistena catleyana (Coleoptera)

Tenthecoris vestitus (Hemiptera)

ERICA:

Aeolothrips brevicornis (Thysanoptera)

Homothrips distinctus (Thysanoptera)

ERIOBOTRYA:

Ceratitidis capitata (Diptera)

ERIOCEPHALUS:

Parozyna sororcula (Diptera)

ERYTHRINA:

Specularius impressithorax (Coleoptera)

EUGENIA:

Protopulvinaria longivalvata (Homoptera)

FIGUS:

Ceratitidis capitata (Diptera)

Ceroplastes rusci (Homoptera)

Dacus dorsalis (?) (Diptera)

Gynaikothrips ficorum (Thysanoptera)

Lepidosaphes ficus (Homoptera)

Pulvinaria psidii (Homoptera)

FRAGARIA:

Barypeithes araneiformis (Coleoptera)

FRAXINUS:

Lesperisimus frazini (Coleoptera)

GARCINIA:

Dacus dorsalis (Diptera)

GARDENIA:

Aleuroparadozus gardeniae (Homoptera)

Amorbia emigratella (Lepidoptera)

Chrysomphalus scutiformis (Homoptera)

Coccus viridis (Homoptera)

Dialeurodes citri (Homoptera)

Eucalymnatus tessellatus (Homoptera)

Ferrisiana virgata (Homoptera)

Protopulvinaria longivalvata (Homoptera)

Protopulvinaria pyrififormis (Homoptera)

Taeniothrips hawaiiensis (Thysanoptera)

GLADIOLUS:

Plesiommatia mollicella (Homoptera)

Taeniothrips simplex (Thysanoptera)

GLOTTIPHYLUM:

Parlatoria pittospori (Homoptera)

GLYCINE:

Callosobruchus chinensis (Coleoptera)

GOSSYPIUM:

Pectinophora gossypiella (Lepidoptera)

GUAJACUM:

Neoclytus cacicus (Coleoptera)

GYPSOPHILA:

Liriomyza pusilla (Diptera)

HAWORTHIA:

"Chionaspis" exalbida (Homoptera)

Parlatoria pittospori (Homoptera)

HEDERA:

Tetraleurodes hederæ (Homoptera)

HELICONIA:

Dacus dorsalis (Diptera)

HEURNIA:

Asterolecanium steniae (Homoptera)

"Chionaspis" indigoferæ (Homoptera)

HIBISCUS:

Adoretus sinicus (Coleoptera)

Callosobruchus maculatus (Coleoptera)

Crociosema plebeiana (Lepidoptera)

HIBISCUS—Continued

- Monomorium destructor* (Hymenoptera)
- Parlatoria fluggeae* (Homoptera)
- Pealius hibisci* (Homoptera)
- Pectinophora gossypiella* (Lepidoptera)
- Pseudoanidia tessarata* (Homoptera)

HORDEUM:

- Nystus simulans* (Hemiptera)

HYDRANGEA:

- Forficula auricularia* (Dermaptera)

ILEX:

- Lygus elisus* (Hemiptera)

IPOMOEA:

- Adoretus sinicus* (Coleoptera)
- Acidodes dentipes* (Coleoptera)
- Araecerus vieillardii* (Coleoptera)
- Cylas femoralis* (Coleoptera)
- Cylas formicarius* (Coleoptera)
- Cylas formicarius elegantulus* (Coleoptera)
- Cylas puncticollis* (Coleoptera)
- Euscepes postfasciatus* (Coleoptera)
- Graptostethus servus* (Hemiptera)
- Megacerus contaminatus* (Coleoptera)

IRIS:

- Anuraphis tulipae* (Homoptera)
- Forficula auricularia* (Dermaptera)
- Ripersiella palestinae* (Homoptera)

IXORA:

- Pseudoanidia trilobitiformis* (Homoptera)
- Vinsonia stellifera* (Homoptera)

JASMINUM:

- Aonidiella inornata* (Homoptera)
- Asterolecanium pustulans* (Homoptera)
- Coccus viridis* (Homoptera)
- Dialeurodes kirkaldyi* (Homoptera)
- Trialeurodes vaporariorum* (Homoptera)

JUGLANS:

- Rhagoletis juglandis* (?) (Diptera)

JUNIPERUS:

- Cryptoparlatoria leucaspis* (Homoptera)
- Kaloterms bequaerti* (Isoptera)
- Lepidosaphes pallida* (Homoptera)

KERRIA:

- Allantus cinctus* (Hymenoptera)

LABURNUM:

- Sparteus villosus* (Coleoptera)

LAELIA:

- Aspidiotus spinosus* (Homoptera)
- Asterolecanium epidendri* (Homoptera)
- Chrysomphalus nigropunctatus* (Homoptera)
- Conchaspis angracii* (Homoptera)
- Diorymerellus laevimargo* (Coleoptera)
- Ferrisiana virgata* (Homoptera)
- Glyphonyx praecox* (Coleoptera)
- Icerya similis* (Homoptera)
- Mordellistena cattlejana* (Coleoptera)
- Ogdocosta biannularis* (Coleoptera)
- Pseudischinaspis alienus* (Homoptera)
- Puto mexicanus* (?) (Homoptera)
- Tenthecoris angustimarginatus* (Hemiptera)
- Tenthecoris confusus* (Hemiptera)

LATHYRUS:

- Bruchus affinis* (Coleoptera)
- Bruchus tristiculus* (Coleoptera)
- Bruchus tristis* (Coleoptera)
- Callosobruchus chinensis* (Coleoptera)
- Callosobruchus maculatus* (Coleoptera)
- Taeniothrips atratus* (Thysanoptera)

LAURUS:

- Trialeurodes lauri* (Homoptera)

LEERSIA:

- Chilo simplex* (?) (Lepidoptera)

LENS:

- Bruchus ervi* (Coleoptera)
- Bruchus lentis* (Coleoptera)
- Bruchus signaticornis* (Coleoptera)

LEUCADENDRON:

- "Chionaspis" leucadendri* (Homoptera)
- Pseudococcus trichilae* (Homoptera)

LEUCAENA:

- Pantomorus godmani* (Coleoptera)

LIBIDIBIA:

- Mimosestes dominicanus* (Coleoptera)

LILIUM:

- Brachyrhinus meridionalis* (Coleoptera)
- Liothrips vaneeckei* (Thysanoptera)
- Prodenia eridania* (Lepidoptera)
- Sitona humeralis* (Coleoptera)

LIMONIUM:

- Haplothrips gowdeyi* (Thysanoptera)

LITCHI:

- Dacus dorsalis* (Diptera)

LONCHOCARPUS:

- Dinoderus bifoveolatus* (Coleoptera)

LONGICARPUS:

- Protopulvinaria pyriformis* (Homoptera)

LYCASTE:

- Aspidiotus palmarum* (Homoptera)
- Ferrisiana virgata* (Homoptera)

LYCOPERSICON:

- Aphanus umbrosus* (Hemiptera)
- Arvelius albopunctatus* (Hemiptera)
- Ceratitis capitata* (Diptera)
- Dacus cucurbitae* (Diptera)
- Dacus dorsalis* (Diptera)
- Dysdercus mimulus* (Hemiptera)
- Eucalandra setulosa* (Coleoptera)
- Euzesta annonae* (Diptera)
- Exptochiomera oblonga* (Hemiptera)
- Jadera sanguinolenta* (Hemiptera)
- Ligyrocoris abdominalis* (Hemiptera)
- Ligyrocoris aurivilliana* (Hemiptera)
- Lineodes integra* (Lepidoptera)
- Liriomyza pusilla* (Diptera)
- Lygaeus vitticatus* (Hemiptera)
- Myodocha longicollis* (Hemiptera)
- Neoleucinodes elegantalis* (Lepidoptera)
- Pachyzancla perisialis* (Lepidoptera)
- Platynota rostrana* (Lepidoptera)
- Platynota stultana* (Lepidoptera)
- Prodenia eridania* (Lepidoptera)
- Zabrotes subfasciatus* (Coleoptera)

LYCORIS:

- Taeniothrips gracilis* (Thysanoptera)

MACADAMIA:

- Clerada apicornis* (Hemiptera)

MAGNOLIA:

- Allantus cinctus* (Hymenoptera)

MALUS:

- Anastrepha ludens* (Diptera)
- Argyresthia conjugella* (Lepidoptera)
- Argyrotaenia franciscana* (?) (Lepidoptera)
- Ceratitis capitata* (Diptera)
- Ceroplastes ceriferus* (Homoptera)
- Chrysoclista atra* (Lepidoptera)
- Epidiaspis piricola* (Homoptera)
- Grapholitha molesta* (Lepidoptera)
- Parlatoria oleae* (Homoptera)
- Rhagoletis pomonella* (Diptera)

MAMMEA:

- Anastrepha ludens* (Diptera)
- Anastrepha serpentina* (Diptera)
- Aspidiotus destructor* (Homoptera)

MAMMILLARIA:

- Ferrisiana virgata* (Homoptera)
- Gerstaeckeria mutillaria* (Coleoptera)
- Sizomotus luteiceps* (Hemiptera)

MANGIFERA:

- Anastrepha fraterculus* (Diptera)
- Anastrepha ludens* (Diptera)
- Anastrepha mombinpraepians* (Diptera)
- Ceratitis capitata* (Diptera)
- Cryptorhynchus mangiferae* (Coleoptera)
- Dacus dorsalis* (Diptera)

MESEMBRYANTHEMUM:

- Haplothrips gowdeyi* (Thysanoptera)

MESPILUS:

- Ceratitis capitata* (Diptera)
- Parlatoria oleae* (Homoptera)

MONSTERA:

- Chrysomphalus tenax* (Homoptera)
- Ferrisiana virgata* (Homoptera)

MUSA:

- Aonidiella inornata* (Homoptera)
- Aspidiotus destructor* (Homoptera)
- Aspidiotus palmarum* (Homoptera)
- Aspidiotus spinosus* (Homoptera)
- Chrysomphalus albopictus* (Homoptera)
- Chrysomphalus scutiformis* (Homoptera)
- Chrysomphalus umboniferus* (Homoptera)
- Cosmopolites sordidus* (Coleoptera)
- Dacus dorsalis* (Diptera)
- Furcaspis oceanica* (Homoptera)
- Lygaeus pulchellus* (Hemiptera)
- Metamasius sericeus* (Coleoptera)
- Nasutitermes corniger* (Isoptera)

MUSA—Continued

- Pachycoris torridus* (Hemiptera)
- Platycarenum humilis* (Hemiptera)
- Platycarenum notulatus* (Hemiptera)
- Sibine stimulea* (Lepidoptera)
- Stephanoderes lecontei* (Coleoptera)

MUSCARI:

- Ezosoma lusitanica* (Coleoptera)

MYRISTICA:

- Stephanoderes buscki* (Coleoptera)

MYRTUS:

- Aleurothrixus myrtacei* (?) (Homoptera)

NARCISSUS:

- Forficula auricularia* (Dermaptera)
- Lampetia equestris* (Diptera)
- Sitona lineata* (Coleoptera)

NERIUM:

- Asterolecanium pustulans* (Homoptera)
- Tetraleurodes mori* (Homoptera)

OCHROMA:

- Mimosestes dominicanus* (Coleoptera)

OCHROSIA:

- Dacus ochrosiae* (?) (Diptera)

ODONTOGLOSSUM:

- Furcaspis biformis* (Homoptera)
- Megapenthes cinnamomus* (Coleoptera)
- Tenthecoris vestitus* (Hemiptera)

OLEA:

- Dacus oleae* (Diptera)
- Parlatoria oleae* (Homoptera)
- Prays oleellus* (?) (Lepidoptera)

ONCIDIUM:

- Asterolecanium epidendri* (Homoptera)
- Chrysomphalus umboniferus* (Homoptera)
- Furcaspis biformis* (Homoptera)
- Ligyrocoris abdominalis* (Hemiptera)
- Neocattarus vegetus* (Hemiptera)
- Tenthecoris vestitus* (Hemiptera)
- Vinsonia stellifera* (Homoptera)

ONOBRYCHIS:

- Eurytoma onobrychidis* (Hymenoptera)

OPUNTIA:

- Ceratitis capitata* (Diptera)
- Leucocera quinquepunctata* (Coleoptera)

ORCHID:

- Acroleucus vicinalis* (Hemiptera)
- Adelocera longicornis* (Coleoptera)
- Agonosoma trilineata* (Hemiptera)
- Aleuroglandulus emmae* (Homoptera)
- Amphicerus cornutus* (Coleoptera)
- Anthonomus albolineatus* (Coleoptera)
- Anthonomus incanus* (Coleoptera)
- Asterolecanium epidendri* (Homoptera)
- Atelabus corvinus* (Coleoptera)
- Calligrapha argus* (Coleoptera)
- Camirus conicus* (Hemiptera)
- Chrysomphalus umboniferus* (Homoptera)
- Cligenes delineata* (Hemiptera)
- Conosternus consputus* (Coleoptera)
- Conchaspsis angraeci* (Homoptera)
- Crophius scabrosus* (Hemiptera)
- Cryphula apicatus* (Hemiptera)
- Deloyala guttata* (Coleoptera)
- Diorymerellus laevimargo* (Coleoptera)
- Eurytoma orchidearum* (Hymenoptera)
- Eutornus congener* (Coleoptera)
- Exptochiomera oblonga* (Hemiptera)
- Exptochiomera tumens* (Hemiptera)
- Ferrisiana virgata* (Homoptera)
- Fulvius anthocorides* (Hemiptera)
- Furcaspis biformis* (Homoptera)
- Lepidosaphes tuberculata* (Homoptera)
- Leucocera sexpunctatus* (Coleoptera)
- Lygaeus circumlinitus* (Hemiptera)
- Lygaeus circumplicatus* (Hemiptera)
- Lygaeus vittiscutis* (Hemiptera)
- Madarus stigma* (Coleoptera)
- Mecolomaemus carvalhoi* (Hemiptera)
- Monomorium destructor* (Hymenoptera)
- Mordellistena cattleyana* (Coleoptera)
- Mordellistena rufonotata* (Coleoptera)
- Nasutitermes nigriceps* (Isoptera)
- Nysius basalis* (Hemiptera)
- Oedionychis lateralis* (Coleoptera)
- Oedionychis transversalis* (Coleoptera)
- Oosternum costatum* (Coleoptera)
- Orchidophilus peregrinator* (Coleoptera)
- Parlatoria pseudaspidiotus* (Homoptera)

ORCHID—Continued

- Phatnoma annulipes* (Hemiptera)
- Physonota humilis* (Coleoptera)
- Plagiodera thymatoides* (Coleoptera)
- Tenthecoris angustimarginatus* (Hemiptera)
- Tenthecoris bicolor* (Hemiptera)
- Tenthecoris confusus* (Hemiptera)
- Tenthecoris distinctus* (Hemiptera)
- Tenthecoris distinguendus* (Hemiptera)
- Tenthecoris venezuelensis* (Hemiptera)
- Trochuda raspa* (Lepidoptera)
- Valtissus diversus* (Hemiptera)
- Vinsonia stellifera* (Homoptera)
- Zale sabena* (Lepidoptera)

ORNITHOGALUM:

- Haplothrips nigricornis* (Thysanoptera)
- Platnothrips simplex* (Thysanoptera)
- Trionymus lounsburyi* (Homoptera)

ORYZA:

- Chilo simplex* (Lepidoptera)

PAEONIA:

- Athous niger* (Coleoptera)

PALM:

- Aleuroplatus cococolus* (Homoptera)
- Aspidiotus destructor* (Homoptera)
- Parlatoria pittospori* (Homoptera)

PASSIFLORA:

- Ceratitis capitata* (Diptera)
- Iridomyrmex humilis* (Hymenoptera)

PASTINACA:

- Psila rosae* (Diptera)

PENNISSETUM:

- Targionia sacchari* (Homoptera)

PENTZIA:

- Trupanea pentziana* (Diptera)

PERISTERIA:

- Conchaspsis angraeci* (Homoptera)
- Ferrisiana virgata* (Homoptera)

PERSEA:

- Anastrepha ludens* (Diptera)
- Caulophilus latinasus* (Coleoptera)
- Chrysomphalus albopictus* (Homoptera)
- Chrysomphalus personatus* (Homoptera)
- Conotrachelus aguacatae* (Coleoptera)
- Conotrachelus perseae* (Coleoptera)
- Cryptorhynchus mangiferae* (Coleoptera)
- Dacus dorsalis* (Diptera)
- Stenomoma catenifer* (Lepidoptera)
- Thamnophthorus schwarzi* (Coleoptera)

PETROSELINUM:

- Systole geniculata* (Hymenoptera)

PHALAEENOPSIS:

- Ferrisiana virgata* (Homoptera)
- Iridomyrmex humilis* (Hymenoptera)

PHASEOLUS:

- Callosobruchus analis* (Coleoptera)
- Callosobruchus chinensis* (Coleoptera)
- Callosobruchus maculatus* (Coleoptera)
- Dacus cucurbitae* (?) (Diptera)
- Epinotia opposita* (Lepidoptera)
- Fundella pelluscens* (Lepidoptera)
- Hercotrips phaseoli* (Thysanoptera)
- Maruca testulalis* (Lepidoptera)
- Zabrotes subfasciatus* (Coleoptera)

PHILODENDRON:

- Aspidiotus diffinis* (Homoptera)
- Aspidiotus palmae* (Homoptera)
- Chrysomphalus albopictus* (Homoptera)
- Chrysomphalus tenax* (Homoptera)
- Lepidosaphes carinata* (Homoptera)
- Pinnaspis buxi* (Homoptera)
- Pseudischinaspis alienus* (Homoptera)

PHLOX:

- Agallia quadripunctata* (Homoptera)
- Thrips flavus* (Thysanoptera)

PHOENIX:

- Coccotrypes dactyliperda* (Coleoptera)
- Myelois ceratoniae* (Lepidoptera)

PHYSALIS:

- Gnorimoschema lavernella* (Lepidoptera)
- Rhagoletis striatella* (Diptera)

PHYTELEPHAS:

- Coccotrypes dactyliperda* (Coleoptera)

PICEA:

- Callidium violaceum* (Coleoptera)
- Hylurgops palliatus* (Coleoptera)
- Ips typographus* (Coleoptera)
- Pityogenes chalcographus* (Coleoptera)

PICEA—Continued

Pogonocherus fasciculatus (Coleoptera)

PIMPINELLA:

Pantomorus godmani (Coleoptera)

PINUS:

Acanthocinus aedilis (Coleoptera)

Blastophagus piniperda (Coleoptera)

Callidium violaceum (Coleoptera)

Hyburgops palliatus (Coleoptera)

Ips sexdentatus (Coleoptera)

Ips typographus (Coleoptera)

Kaloterms bequaerti (Isoptera)

Lema melanopa (Coleoptera)

Leucaspis candida (Homoptera)

Pityogenes bidentatus (Coleoptera)

Pityogenes chalcographus (Coleoptera)

"*Poliaspis*" *pini* (Homoptera)

Pseudococcus pini (Homoptera)

Ptochoryctis tsugensis (?) (Lepidoptera)

PISTACIA:

Lepidosaphes pistaciae (Homoptera)

PISUM:

Bruchus emarginatus (Coleoptera)

Callosobruchus chinensis (Coleoptera)

Callosobruchus maculatus (Coleoptera)

Laspeyresia nigricana (Lepidoptera)

Neodryocoetes guianae (Coleoptera)

PITTOSPORUM:

Pulvinaria psidii (Homoptera)

PLUMERIA:

Aspidiotus herculeanus (Homoptera)

Asterolecanium pustulans (Homoptera)

Haplothrips gowdeyi (Thysanoptera)

Pseudaniditia clavigera (Homoptera)

POINCIANA:

Stephanoderes lecontei (Coleoptera)

POLIANTHES:

Frankliniella bratleyi (Thysanoptera)

POPULUS:

Dryophthorus corticalis (Coleoptera)

PORTULACA:

Celerio lineata (Lepidoptera)

Dicrepidius corvinus (Coleoptera)

Loxostege bifidialis (Lepidoptera)

Loxostege similalis (Lepidoptera)

PRIMULA:

Phragmatobia fuliginosa (Lepidoptera)

PROSOPIS:

Algarobius ceratioborus (Coleoptera)

Algarobius prosopis (Coleoptera)

Rhipibruchus teiboldi (Coleoptera)

Rhipibruchus picturatus (Coleoptera)

PROTEA:

Ananca hottentota (Coleoptera)

Antestia variegata (Hemiptera)

Antestia variegata lineaticollis (Hemiptera)

Homothrips distinctus (Thysanoptera)

Iridomyrmex humilis (Hymenoptera)

PRUNUS ARMENIACA:

Ceratitis capitata (Diptera)

Nilotaspis halli (Homoptera)

Parlatoria oleae (Homoptera)

PRUNUS DOMESTICA:

Ceratitis capitata (Diptera)

Chionaspis asiatica (Homoptera)

Epidiaspis piricola (Homoptera)

Iridomyrmex humilis (Hymenoptera)

Megalometis chiliensis (Coleoptera)

Nilotaspis halli (Homoptera)

Parlatoria oleae (Homoptera)

PRUNUS PADUS:

Anthonomus rectirostris (Coleoptera)

PRUNUS PERSICA:

Anastrepha ludens (Diptera)

Ceratitis capitata (Diptera)

Grapholitha molesta (Lepidoptera)

Nilotaspis halli (Homoptera)

Parlatoria oleae (Homoptera)

PRUNUS PERSICA NECTARINA:

Iridomyrmex humilis (Hymenoptera)

Megalometis chiliensis (Coleoptera)

Nysius simulans (Hemiptera)

PRUNUS MUME (?):

Parlatoria theae (Homoptera)

PRUNUS SP. (cherry):

Leucaspis archangeliskya (Homoptera)

Mineola indigenella (Lepidoptera)

Rhagoletis cerasi (Diptera)

PSIDIUM:

Anastrepha mombinpraeoptans (Diptera)

Anastrepha suspensa (Diptera)

Ceratitis capitata (Diptera)

Coccus viridis (Homoptera)

Dacus dorsalis (Diptera)

Tetraleurodes mori (Homoptera)

PUERARIA:

Callosobruchus ademptus (Coleoptera)

PUNICA:

Anastrepha ludens (Diptera)

Ceratitis capitata (Diptera)

Chionaspis asiatica (Homoptera)

Cryptoblabes gnidiella (Lepidoptera)

Forficula auricularia (Dermaptera)

PYRUS:

Anastrepha ludens (Diptera)

Ceratitis capitata (Diptera)

Epidiaspis piricola (Homoptera)

Grapholitha molesta (Lepidoptera)

Lepidosaphes conchiformis (Homoptera)

Leucaspis archangeliskya (Homoptera)

Monomorium destructor (Hymenoptera)

Parlatoria oleae (Homoptera)

Phyllotreta cruciferae (Coleoptera)

QUERCUS:

Andricus glandium (Hymenoptera)

Callirhytis sonoreae (Hymenoptera)

Conotrachelus integer (Coleoptera)

Curculio q-griseae (Coleoptera)

Parlatoria oleae (Homoptera)

Scolytus intricatus (Coleoptera)

RAPHANUS:

Baris coerulescens (Coleoptera)

Cyrtopeltis varians (Hemiptera)

Lixus ascanii (Coleoptera)

RENANTHERA:

Vinsonia stellifera (Homoptera)

RHODODENDRON:

Ceroplastes japonicus (Homoptera)

Dalopius marginatus (Coleoptera)

Dialeurodes chittendeni (Homoptera)

Gracilaria azaleella (Lepidoptera)

Pachybrachius luridus (Hemiptera)

Sitona lineata (Coleoptera)

Stephanitis pyrioides (Hemiptera)

Vesiculaphis caricis (Homoptera)

RIBES:

Brachyrhinus sulcatus (Coleoptera)

RORIPPA:

Evergestis rimosalis (Lepidoptera)

ROSA:

Chaetocnema concinna (Coleoptera)

Cryptocephalus krugii (Coleoptera)

Frankliniella insularis (Thysanoptera)

Lema opulenta (Coleoptera)

Parlatoria theae (Homoptera)

Rhagoletis alternata (Diptera)

Sitona humeralis (Coleoptera)

Taeniothrips atratus (Thysanoptera)

Thrips flarus (Thysanoptera)

Trialeurodes vaporariorum (Homoptera)

ROSMARINUS:

Chrysomela americana (Coleoptera)

RUDBECKIA:

Thrips flarus (Thysanoptera)

Thrips fuscipennis (Thysanoptera)

SABAL:

Coccotrypes dactyliperda (Coleoptera)

SACCHARUM:

Diatraea saccharalis (Lepidoptera)

Rhabdoscelus obscurus (Coleoptera)

Stephanoderes lecontei (Coleoptera)

"*Targionia*" *sacchari* (Homoptera)

Tomaspis postica (Homoptera)

SALIX:

Aglossa cuprealis (Lepidoptera)

Lepidosaphes kuwacola (Homoptera)

Lepidosaphes yanagicola (Homoptera)

Pityophthorus sambuci (Coleoptera)

SAMBUCUS:

Micrapate labialis (Coleoptera)

SAPOTE:

Anastrepha ludens (Diptera)

Anastrepha serpentina (Diptera)

SCHEFFLERA:

Dactyloctenium aegyptium (Coleoptera)

SECHIUUM:

Diaphania nitidalis (Lepidoptera)

SELAGINELLA:

Lema confusa (Coleoptera)

SERJANIA:

Dinoderus bifoveolatus (Coleoptera)

SESBANIA:

Acanthoscelides griseolus (Coleoptera)

SOIL:

Athous haemorrhoidalis (Coleoptera)

Athous subfuscus (Coleoptera)

Athous vittatus (Coleoptera)

Barynotus moerens (Coleoptera)

Bibio johannis (Diptera)

Brachyrhinus sulcatus (Coleoptera)

Cephalocteus scarabaeoides (Hemiptera)

Dalopius marginatus (Coleoptera)

Deraeocoris lutescens (Hemiptera)

Forficula auricularia (Dermaptera)

Gastrophysa viridula (Coleoptera)

Hydrothassa marginella (Coleoptera)

Iridomyrmex humilis (Hymenoptera)

Mecinus pyraeter (Coleoptera)

Paracardiophorus pauper (Coleoptera)

Saldula saltatoria (Hemiptera)

Scolopostethus affinis (Hemiptera)

Trapezonotus arenarius (Hemiptera)

SOLANUM ACULEATISSIMUM:

Dacus dorsalis (Diptera)

SOLANUM MELONGENA:

Heteroderes laurentii (Coleoptera)

Neoleucinodes elegantalis (Lepidoptera)

Pheidole megacephala (Hymenoptera)

Trichobaris mucorea (Coleoptera)

SOLANUM TUBEROSUM:

Epicaerus cognatus (Coleoptera)

Gnoriomoschema plaesiosema (Lepidoptera)

Premnotypes fractirostris (Coleoptera)

Premnotypes solani (Coleoptera)

Premnotypes vorax (Coleoptera)

SORGHUM:

Diatraea saccharalis (Lepidoptera)

Iridomyrmex humilis (Hymenoptera)

Pyrausta nubilalis (Lepidoptera)

Sesamia cretica (Lepidoptera)

Sesamia vutiera (Lepidoptera)

SPARTIUM:

Spartea villosus (Coleoptera)

SPATHOGLLOTIS:

Ferrisia virgata (Homoptera)

SPHAGNUM:

Chaetocnema hortensis (Coleoptera)

SPONDIAS:

Anastrepha mombinpraeoptans (Diptera)

Dacus dorsalis (Diptera)

STAPELIA:

"Chionaspis" indigoferae (Homoptera)

STERNBERGIA:

Ripersiella palestinae (Homoptera)

STRELITZIA:

Adoretus sinicus (Coleoptera)

Ferrisia virgata (Homoptera)

Phenacaspis sandwicensis (Homoptera)

SYRINGA:

Dialeurodes kirkaldyi (Homoptera)

SYZYGIUM:

Pulvinaria psidii (Homoptera)

TAGETES:

Haplothrips gowdeyi (Thysanoptera)

TAMARINDUS:

Caryedon fuscus (Coleoptera)

Chrysomphalus scutiformis (Homoptera)

TERMINALIA:

Dacus dorsalis (Diptera)

TETRAGONIA:

Piezodorus purus (Hemiptera)

TILIA:

Ernoporos tiliae (Coleoptera)

Iridomyrmex humilis (Hymenoptera)

Ozycarenus lavaterae (Hemiptera)

TILLANDSIA:

Quichuana calathea (Diptera)

Trybius inermis (Coleoptera)

TRIPTERIS:

Ensina hyalipennis (Diptera)

Ensina ignobilis (Diptera)

TRITICUM:

Aglossa cuprealis (Lepidoptera)

TULIPA:

Anuraphis tulipae (Homoptera)

Forficula auricularia (Dermaptera)

Rhopalosiphoninus tulipae (Homoptera)

ULMUS:

Lygus oblineatus (Hemiptera)

Pteroleobius vittatus (Coleoptera)

VANDA:

Athesapeuta cyperi (Coleoptera)

Eutreta zanthochaeta (Diptera)

Heteroglymma alata (Coleoptera)

Leucaspis cockerelli (Homoptera)

Monomorium destructor (Hymenoptera)

Parlatoria pseudaspidotus (Homoptera)

Taeniothrips gracilis (Thysanoptera)

Thrips hawaiiensis (Thysanoptera)

VANILLA:

Protopulvinaria pyriformis (Homoptera)

VICIA:

Aoromius quinquepunctatus (Coleoptera)

Apion pomonea (Coleoptera)

Bruchidius incarnatus (Coleoptera)

Bruchidius quinqueguttatus (Coleoptera)

Bruchus affinis (Coleoptera)

Bruchus atomarius (Coleoptera)

Bruchus dentipes (Coleoptera)

Bruchus ervi (Coleoptera)

Bruchus guttalis (Coleoptera)

Bruchus hamatus (Coleoptera)

Bruchus luteicornis (Coleoptera)

Bruchus rufipes (Coleoptera)

Bruchus tristis (Coleoptera)

Bruchus tristis (Coleoptera)

Bruchus ulicis (Coleoptera)

Callosobruchus chinensis (Coleoptera)

VIGNA:

Acanthoscelides obreptus (Coleoptera)

Callosobruchus chinensis (Coleoptera)

Callosobruchus maculatus (Coleoptera)

VITIS:

Anastrepha fraterculus (?) (Diptera)

Aphanus saturnius (Hemiptera)

Ceratitis capitata (Diptera)

Cryptoblabes gnidiella (Lepidoptera)

Iridomyrmex humilis (Hymenoptera)

Leptoglossus chilensis (Hemiptera)

Phlyctinus callosus (Coleoptera)

Polycaon chilensis (Coleoptera)

Polychrosis botrana (Lepidoptera)

Pulvinaria innumerabilis (Homoptera)

Sitona humeralis (Coleoptera)

Targionia vitis (Homoptera)

WEIGELA:

Allantus cinctus (Hymenoptera)

ZANTEDESCHIA(?):

Cero-plastes rubens (Homoptera)

ZEAE:

Celerio lineata (Lepidoptera)

Diatraea saccharalis (Lepidoptera)

Euxesta stigmatias (Diptera)

Lygus oblineatus (Hemiptera)

Moodna bisinuella (Lepidoptera)

Prostephanus truncatus (Coleoptera)

Pyrausta nubilalis (Lepidoptera)

ZINGIBER:

Amorbia emigratella (Lepidoptera)

Dacus dorsalis (Diptera)

ZINNIA:

Diaprepes famelicus (Coleoptera)

Prodenia ornithogalli (Lepidoptera)

Hosts unknown

AIRPLANE:

Adoretus sinicus (Coleoptera)

Aeolus pulchellus (Coleoptera)

Araceus vieillardi (Coleoptera)

Chaetoclesia bakeri (Diptera)

Dacus dorsalis (Diptera)

Diaprepes abbreviatus (Coleoptera)

Jadera sanguinolenta (Hemiptera)

Malacorhinus tripunctatus (Coleoptera)

Melanoxanthus melanoccephalus (Coleoptera)

Nysius dallasi (Hemiptera)

Tomoplagia obliqua (Diptera)

Zabrotes subfasciatus (Coleoptera)

BAGGAGE:

Adoretus sinicus (Coleoptera)
Forficula auricularia (Dermaptera)

BARK:

Hylurgops palliatus (Coleoptera)
Ips typographus (Coleoptera)
Pityogenes chalcographus (Coleoptera)
Pityophthorus sambuci (Coleoptera)

BEAN:

Bruchus tristis (Coleoptera)
Callosobruchus chinensis (Coleoptera)
Callosobruchus maculatus (Coleoptera)
Zabrotes subfasciatus (Coleoptera)

CLOTH:

Forficula auricularia (Dermaptera)

COTYLEDON:

"*Chionaspis*" *indigoferae* (Homoptera)

EXCELSIOR:

Forficula auricularia (Dermaptera)

FLOWER:

Amorbia emigratella (Lepidoptera)
Pantomorus godmani (Coleoptera)
Sizeonotus luteiceps (Hemiptera)
Taeniothrips hawaiiensis (Thysanoptera)

GRAIN:

Bruchus affinis (Coleoptera)
Callosobruchus chinensis (Coleoptera)

GRAMINEAE:

Targionia sacchari (Homoptera)

"GRAMME":

Callosobruchus chinensis (Coleoptera)

GRASS & WEED ROOT IN SOIL:

Brachyrhinus singularis (Coleoptera)

HAY:

Nymphalis urticae (Lepidoptera)

HERB:

Diaphania hyalinata (Lepidoptera)
Iridomyrmex humilis (Hymenoptera)
Trialeurodes vaporariorum (Homoptera)

LEAF:

Iridomyrmex humilis (Hymenoptera)
Tetraleurodes mori (Homoptera)
Trioxa anceps (Homoptera)

LEGUME:

Acanthoscelides spinipes (Coleoptera)
Bruchus rufipes (Coleoptera)
Bruchus tristis (Coleoptera)
Callosobruchus chinensis (Coleoptera)
Callosobruchus maculatus (Coleoptera)
Sinoryzlon sezdentatum (Coleoptera)

LOG:

Coelosternus consputus (Coleoptera)
Draeculacephala clypeata (Homoptera)
Nasutitermes corniger (Isoptera)
Physorhinus distigma (Coleoptera)
Platypus rugulosus (Coleoptera)
Xyleborus affinis (Coleoptera)

PACKING:

Fulvius albomaculatus (Hemiptera)

PARCEL POST:

Oxydema longulum (Coleoptera)

PLANT:

Artipus floridanus (Coleoptera)
Aspidiotus destructor (Homoptera)
Aspidiotus excisus (Homoptera)
Coccus viridis (Homoptera)
Forficula auricularia (Dermaptera)
Pachyzancla bipunctalis (Lepidoptera)
Sizeonotus luteiceps (Hemiptera)

RAILWAY CAR:

Pectinophora gossypiella (Lepidoptera)

RETURNED WAR EQUIPMENT:

Achatina fulica (Mollusca)

SEED:

Callosobruchus chinensis (Coleoptera)
Coccotrypes pygmaeus (Coleoptera)

SEED POD:

Ferrisia virgata (Homoptera)
Stephanoderes lecontei (Coleoptera)

SHRUB:

"*Chionaspis*" *indigoferae* (Homoptera)

SOD:

Ctenicera aeneus (Coleoptera)

SUCCULENT:

"*Chionaspis*" *exalbida* (Homoptera)

UNKNOWN:

Myllocerus hilleri (Coleoptera)

VEGETABLES:

Lygus oblineatus (Hemiptera)

VINE:

Exallius longicornis (Coleoptera)

WOOD:

Acanthocinus aeditis (Coleoptera)
Amphicerus cornutus (Coleoptera)
Blastophagus piniperda (Coleoptera)
Callidium violaceum (Coleoptera)
Cryptotermes brevis (Isoptera)
Dinoderus brevis (Coleoptera)
Dysides obscurus (Coleoptera)
Forficula auricularia (Dermaptera)
Heterobostrychus aequalis (Coleoptera)
Ips serdentatus (Coleoptera)
Micrapate labialis (Coleoptera)
Nasutitermes corniger (Isoptera)
Nasutitermes luzonicus (Isoptera)
Orthotomicus laricus (Coleoptera)
Pityogenes chalcographus (Coleoptera)
Renosis mexicanus (Coleoptera)
Sinoryzlon anale (Coleoptera)
Sinoryzlon conigerum (Coleoptera)
Sinoryzlon sezdentatum (Coleoptera)
Xylotrips flavipes (Coleoptera)

WOODS MOSS:

Acalypta parva (Hemiptera)
Acalypta parvula (Hemiptera)
Agallia quadripunctata (Homoptera)
Agalltiopsis novella (Homoptera)
Cassida nebulosa (Coleoptera)
Catoplistus fabricii (Hemiptera)
Conchaspis angraci (Homoptera)
Dalopius marginatus (Coleoptera)
Dryinus sylvaticus (Hemiptera)
Hypera nigrirostris (Coleoptera)
Newsteadia floccosa (Homoptera)
Platythrips tunicatus (Thysanoptera)
Strophosoma melanogramma (Coleoptera)
Trapezonotus arenarius (Hemiptera)

Countries of origin and insects

AFGHANISTAN:

Chionaspis asiatica
Leucaspis archangeliskya
Parlatoria oleae

ALGERIA:

Ceratitis capitata
Lepidosaphes ficus
Parlatoria zizyphus
Psila rosae
Sinoryzlon sezdentatum

AMERICAN SAMOA:

Rhabdoscelus obscurus

AMERICAN VIRGIN ISLANDS:

Cylas formicarius elegantulus
Euscepes postfasciatus
Pectinophora gossypiella
"Targionia" *hartii*

ARGENTINA:

Algarobius ceratioborus
Anastrepha fraterculus (?)
Ceratitis capitata
Diaphania nitidalis
Diatraea saccharalis
Grapholitha molesta
Lygus fraudulentus
Phelomerus germani
Pseudoauidia trilobitiformis
Rhipibruchus leiboldi
Rhipibruchus picturatus
Unaspis citri
Zabrotes subfasciatus

AUSTRALIA:

Aonidiella citrina
Aracerus vieillardii
Doratifera oxleyi
Lepidosaphes tuberculata
Parlatoria zizyphus
Pinnaspis buxi
Xylosandrus morigerus

AUSTRIA:

Anthonomus rectirostris
Rhagoletis alternata (?)
Spartes villosus

AZORES:

Aglossa cuprealis
Brachyrhinus sulcatus
Ceratitis capitata
Dacus oleae
Iridomyrmex humilis
Pantomorus godmani

BAHAMAS:

Ancylostomia stercorea
Artipus floridanus
Asterolecanium pustulans
Coccus viridis
Ferrisiana virgata
Lepidosaphes tokionis
Monomorium destructor

BARBADOS:

Callosobruchus maculatus
"Targionia" hartii

BATAVIA:

Parlatoria pseudaspidiotus

BELGIUM:

Anuraphis tulipae
Bruchus luteicornis
Ctenicera aeneus
Dalopius marginatus
Lepidosaphes tuberculata
Phytomyza atricornis
Pityogenes chalcographus
Psila rosae

BERMUDA:

Anastrepha mombinpraeoptans
Anuraphis tulipae
Diaprepes famelicus
Kalotermes bequaerti
Prodenia eridania
Protopulvinaria pyriformis
Pulvinaria psidii

BINTAN ISLAND:

Ferrisiana virgata

BRAZIL:

Acanthoscelides armitagei
Aleurothrixus myrtacei (?)
Anastrepha fraterculus
Asterolecanium epidendri
Ceratitis capitata
Chrysomphalus personatus
Coccotrypes pygmaeus
Diabrotica speciosa
Diaphania nitidalis
Dinoderus bifoveolatus
Dysides obscurus
Epinotia opposita
Eurytoma orchidearum
Euscepes postfasciatus
Furcaspis biformis
Gymnandrosoma aurantianum
Maruca testulalis
Mecolaemus carbalhoi
Mordellistena cattleyana
Morganella longispina
Neoleucinodes elegantalis
Pachyzancla periusalis
Parlatoria cinerea
Pectinophora gossypiella
Pseudaonidia trilobitiformis
Stenoma catenifer
Stephanoderes hampei
Tenthecoris bicolor
Unaspis citri

BRITISH COLUMBIA:

Dialeurodes chittendeni
Thrips trehernei

BRITISH GUIANA:

Asterolecanium bambusae
Callosobruchus chinensis
Furcaspis biformis
Neodryocoetes guianae

BRITISH HONDURAS:

Myelois notatalis

BRITISH WEST INDIES:

Callosobruchus chinensis
Lepidosaphes tokionis
Parlatoria cinerea
Stenoma catenifer
Stephanoderes busck
Targionia hartii

CANADA:

Agallia quadripunctata
Agalliopsis novella
Gastrodes pacificus
Lygus elisus
Lygus oblineatus
Pyrausta nubilalis

CANAL ZONE:

Acanthoscelides armitagei
Agonosoma trilineata
Aspidiotus destructor
Asterolecanium epidendri
Callosobruchus maculatus
Chrysomphalus umboniferus
Conchaspis angraei
Ferrisiana virgata
Furcaspis biformis
Mimosestes dominicanus
Neocattarus vegetus
Physorhinus distigma cephalicus
Protopulvinaria longivalvata
Protopulvinaria pyriformis
Pseudaonidia trilobitiformis
Pseudischnaspis acephala
Tenthecoris distinctus
Vinsonia stellifera

CAPE OF GOOD HOPE:

Taeniothrips simplex

CAPE VERDE ISLANDS:

Ceratitis capitata

CEYLON:

Heterobostrychus aequalis
Sinoxylon conigerum
Xylothrips flavipes

CHILE:

Algarobius ceratioborus
Anastrepha fraterculus (?)
Dinoderus bifoveolatus
Epidiaspis piricola
Iridomyrmex humilis
Leptoglossus chilensis
Megalometis chilensis
Nysius similans
Polycyon chilensis

CHINA:

Aspidiotus degeneratus
Callosobruchus chinensis
Chilo simplex
Coccus viridis
Coptosoma cribraria
Dialeurodes citri
Dialeurodes kirikaldyi
Lepidosaphes tuberculata
Liothrips vaneckei
Parlatoria camelliae
Parlatoria zizyphi
Taeniothrips gracilis
"Targionia" hartii
Xylopsocus capucinus

COLOMBIA:

Aspidiotus d'ffinis
Clerada apicornis
Diaphania nitidalis
Eurytoma orchidearum
Euscepes postfasciatus
Furcaspis biformis
Mimosestes dominicanus
Monomorium destructor
Mordellistena cattleyana
Stenoma catenifer
Tenthecoris exilisus
Termes hispaniolae

COSTA RICA:

Anastrepha ludens
Anastrepha mombinpraeoptans
Aspidiotus destructor
Aspidiotus palmae
Asterolecanium epidendri
Calligrapha elegantula
Chrysomphalus albopictus
Chrysomphalus nigropunctatus
Chrysomphalus personatus
Chrysomphalus scutiformis
Chrysomphalus umboniferus
Conotrachelus perseae
Draeculacephala clypeata
Ferrisiana virgata
Furcaspis biformis

COSTA RICA—Continued

Lygaeus vittiscutis
Metamasius sericeus
Nasutitermes corniger
Ozophora consanguineus
Parlatoria cinerea
Physorhinus distigma
Pinnaspis buxi
Platycarenum humilis
Platypus rugulosus
Pseudischinaspis alienus
Pseudoparlatoria ostreata
Sibine stimulea
Tenthecoris distinguendus
Xyleborus affinis

CUBA:

Aleurotrachelus trachoides
Anastrepha mombinpraeoptans
Anastrepha suspensa
Aspidiotus destructor
Coccus viridis
Conchaspis angraeci
Crocidosema plebeiana
Cylas formicarius elegantulus
Diaphania hyalinata
Diaphania nitidalis
Hellula phidilealis
Hercothrips phaseoli
Heteroderes laurentii
Leucocera sexpunctatus
Maruca testulalis
Pheidole megacephala
Platynota rostrana
Protopulvinaria pyriformis
Psila rosae
Pulvinaria psidii
Ribua innoxia
Taeniothrips simplex
"Targionia" bromiliae
Zabrotes subfasciatus

CYPRUS:

Ceratitis capitata

CZECHOSLOVAKIA:

Aspidiotus abietis
Hylurgops palliatus
Ips typographus

DENMARK:

Chaetocnema hortensis
Gelechia ericetella
Lema melanopa
Psila rosae
Thrips flavus
Thrips fuscipennis

DOMINICAN REPUBLIC:

Anastrepha fraterculus
Anastrepha mombinpraeoptans
Ancylostoma stercora
Cryptocephalus krugii
Cylas formicarius elegantulus
Diaphania nitidalis
Frankliniella insularis
Maruca testulalis

ECUADOR:

Metamasius sericeus
Premnotypes vorax
Stenomacra catenifer

EGYPT:

Bruchidius incarnatus
Callosobruchus maculatus
Ceratitis capitata
Cryptoblabes gnidiella
Haplothrips cottei
Lixus junci
Pectinophora gossypiella

ENGLAND:

Anuraphis helichrysi
Anuraphis tulipae
Athous haemorrhoidalis
Barynotus moerens
Dalopius marginatus
Euleia heraclei
Evergestis forficatus
Forficula auricularia
Gastrophysa viridula
Laspeyresia splendana
Lepidodermis fraxini
Lepidosaphes tuberculata
Megasternum boletophagum

ENGLAND—Continued

Newsteadia floccosa
Phragmatobia fuliginosa
Platythrips tunicatus
Polia oleracea
Psila rosae
Pteleobius vittatus
Scolopostethus affinis
Scolytus intricatus
Thrips flavus
Thrips nigropilosus
Trialeurodes vaporariorum
Zabrotes subfasciatus

EUROPE:

Haplothrips cottei

FII ISLANDS:

Cylas formicarius var.
Euseces postfasciatus

FINLAND:

Callidium violaceum
Pityogenes chalcographus

FORMOSA:

Parlatoria cinerea
Parlatoria zizyphus

FRANCE:

Acalypta parva
Acalypta parvula
Acrolepis assectella
Anuraphis tulipae
Aoromius quinquepunctatus
Apion carduorum
Apion pomonae
Athous subfuscus
Athous vittatus
Baris ocerulescens
Bibio johannis
Brachyrhinus meridionalis
Bruchus affinis
Bruchus guttalis
Bruchus luteicornis
Bruchus rufipes
Catoplatys fabricii
Ceratitis capitata
Dactyloctenium aegyptium
Deraeocoris lutescens
Epidiaspis piricola
Ernoporus tiliae
Grapholitha molesta
Iridomyrmex humilis
Laspeyresia splendana
Lixus ascanii
Mamestra brassicae
Myzus ascalonicus
Newsteadia floccosa
Phyllotreta cruciferae
Polychrosis botrana
Psila rosae
Pulvinaria innumerabilis
Pyrausta nubilalis
Rhagoletis cerasi
Sesamia cretica
Tetraleurodes hederace
Thrips angusticeps
Trapezonotus arenarius

GERMANY:

Blastophagus piniperda
Callidium violaceum
Cassida nebulosa
Chaetocnema concinna
Hylurgops palliatus
Hypera nigrirostris
Ips typographus
Laspeyresia splendana
Leucaspis candida
Pityogenes bidatus
Pityogenes chalcographus
Rhagoletis cerasi
Strophosoma melanogramma
Thrips flavus
Trapezonotus arenarius

GREECE:

Aspidiotus spinosus
Callosobruchus maculatus
Ceratitis capitata
Cryptoblabes gnidiella
Haplothrips cottei
Parlatoria oleae

GUAM:

Achatina fulica
Dacus ochrosiae (?)
Ferrisiana virgata
"Lepidosaphes" *esakii*
Lepidosaphes tubulorum (?)
Targionia sacchari

GUATEMALA:

Acanthoscelides armitagei
Anastrepha ludens
Anastrepha mombinpraeoptans
Anastrepha serpentina
Aspidiotus destructor
Chrysomphalus albopictus
Chrysomphalus tenax
Cligenes delineata
Coccus pseudohesperidum
Conotrachelus perseae
Euzesta stigmatias
Ferrisiana virgata
Furcaspis biformis
Ligyrocoris abdominalis
Lygaeus vittiscutis
Megapenthes cinnamomus
Pachycoris torridus
Pseudischnaspis alienus
Stenoma catenifer
Stephanoderes lecontei
Taeniothrips simplex
Tenthecoris vestitus
Zabrotes subfasciatus

HAITI:

Anastrepha mombinpraeoptans
Frankliniella insularis
Leucocera quinquepunctata
Monomorium destructor
Pectinophora gossypiella

HAWAII:

Adoretus sinicus
Algarobius prosopis
Amorbia emigratella
Anidiella inornata
Araecerus vicillardi
Aspidiotus herculeanus
Aspidiotus spinosus
Asterolecanium pustulans
Athesapecta cyperi
Callosobruchus chinensis
Callosobruchus phaseoli
Caryedon fuscus
Ceratitidis capitata
Ceroplastes rubens
Clerada apicornis
Coccus viridis
Cryptorhynchus mangiferae
Cryptotermes brevis
Cylas formicarius var.
Dacus cucurbitae
Dacus dorsalis
Dialeurodes kirkaldyi
Diocalandra taiensis
Ereunetis flavistrinata
Eucalymnatus tessellatus
Euscepes postfasciatus
Eutreta zanthochaeta
Ferrisiana virgata
Furcaspis biformis
Graptostethus servus
Haplothrips gowdeyi
Lampides boeticus
Lepidosaphes tokionis
Leucaspis cockerelli
Maruca testulalis
Nysius dallasi
Orchidophilus peregrinator
Oxydema longulum
Pantomorus godmani
Parlatoria crotonis
Parlatoria fluggeae
Parlatoria pseudaspidotus
Pealus hibisci
Pectinophora gossypiella
Phenacaspis sandwicensis
Pinnaspis buxi
Poecilips persicae
Pseudonidia clarigera
Pseudonidia tessellata
Pseudococcus palmarum

HAWAII—Continued

Sinozylon conigerum
Taeniothrips hawaiiensis
"Targionia" *bromiliae*
Thrips hawaiiensis
HONDURAS:
Anastrepha ludens
Anastrepha mombinpraeoptans
Aspidiotus destructor
Brentus anchorago
Conotrachelus perseae
Cosmopolites sordidus
Cryptotermes brevis
Lygaeus vittiscutis
Metamastus sericeus
Mordellistena cattlejana
Nasutitermes corniger
Prodenia eridania
Pseudischnaspis alienus
Stenoma catenifer
Tenthecoris confusus
Zabrotes subfasciatus

HUNGARY:

Ips typographus
Pityogenes calcographus
Pyrausta nubilalis

INDIA:

Amphicerus cornutus
Bruchus affinis
Bruchus emarginatus
Callosobruchus analis
Callosobruchus chinensis
Callosobruchus maculatus
Callosobruchus phaseoli
Caryedon fuscus
Coccotrypes dectyliperda
Coccus capparidis
Cryptorhynchus mangiferae
Cylas formicarius
Cylas formicarius var.
Dacus dorsalis
Dinoderus brevis
Eutornus congener
Heterobostrychus aequalis
Lepidosaphes tuberculata
Monomorium destructor
Parlatoria pseudaspidotus
Pectinophora gossypiella
Pinnaspis buxi
Sinozylon anale
Sinozylon conigerum
Systole geniculata
Taeniothrips gracilis
Zabrotes subfasciatus

IRAQ:

Cylas formicarius var.
Myeloidis ceratoniae

IRELAND:

Barypeithes araneiformis
Dryinus sylvaticus
Forficula auricularia
Hydrothassa marginella
Mamestra brassicae
Mecinus pyrastrae
Psila rosae
Saldula saltatoria

ISRAEL:

Nilotaspis halli

ITALY:

Acanthoscelides spinipes
Acrolepis assectella
Aphanus saturnius
Apion carduorum
Brachycerus albidentatus
Brachycerus algerius
Bruchidius lividimanus
Bruchus ervi
Bruchus lentis
Bruchus luteicornis
Bruchus signaticornis
Bruchus tristriculus
Bruchus tristis
Callosobruchus chinensis
Callosobruchus maculatus
Ceratitidis capitata
Ceroplastes rusci
Chrysomela americana
Cryptobiabes gnidiella

ITALY—Continued

Dacus oleae
Dryophthorus corticalis
Epidiaspis piricola
Eurydema ornatum
Evergestis forficatus
Forficula auricularia
Grapholitha molesta
Hemimene juliana
Iridomyrmex humilis
Laspeyresia splendana
Lepidosaphes ficus
Myelois ceratoniae
Oxyarenus lavaterae
Parlatoria oleae
Parlatoria zizyphi
Pectinophora gossypiella
Phalonia zephyrana
Polychrosis botrana
Psila rosae
Pyrausta nubilalis
Rhagoletis cerasi
Sesamia cretica
Sitona humeralis
Sparticus villosus
Targionia vitis
Trialetrodes lauri

JAMAICA:

Anastrepha mombinpraeoptans
Aspidiotus destructor
Asterolecanium epidendri
Callosobruchus chinensis
Callosobruchus maculatus
Callosobruchus phaseoli
Genopaschia protomis
Leucaspis cockerelli
Pachyzancla perisialis
Pectinophora gossypiella
"Targionia" sacchari
Vinsonia stellifera

JAPAN:

Aleurotrachelus camelliae
Anomala rufocuprea viridiaenea
Aspidiotus pseudomeyeri
Callosobruchus ademptus
Callosobruchus chinensis
Ceroplastes ceriferus
Ceroplastes japonicus
Ceroplastes rubens
Chilo simplex
Cryptoparlatoria leucaspis
Gracilaria azaleella
Lepidosaphes conchiformis
Lepidosaphes kuwacola
Lepidosaphes pallida
Lepidosaphes yanagicola
Mineola indigenella
Mylocerus hilleri
Paracardiophorus pauper
Parlatoria camelliae
Parlatoria chinensis
Parlatoria pseudaspidiotus
Parlatoria theae
Parlatoria zizyphi
"Poliaspis" pini
Pseudococcus pini
Ptochoryctis tsugensis (?)
Stephanitis pyroides
Unaspis yamomensis
Vesiculaphis caricis

KENYA:

Specularius impressithorax

KOREA:

Pseudococcus pini

LEBANON:

Bruchidius incarnatus
Bruchus dentipes
Bruchus ervi
Ceratitis capitata
Cryptoblabes gnidiella
Dacus oleae
Monomorium destructor
Prays oleellus (?)

MADEIRA ISLANDS:

Bruchus guttalis
Ceratitis capitata
Cryptoblabes gnidiella
Forficula auricularia

MADEIRA ISLANDS—Continued

Iridomyrmex humilis

MEXICO:

Acanthoscelides griseolus
Acanthoscelides obrepus
Acroleucus vicinialis
Acrosticta mexicana
Adelocera longicornis
Aleurocanthus woglumi
Aleuroglandulus emmae
Aleuroparadoxus gardeniae
Aleuroplatus coccoculus
Algarobius prosopis
Alpheias conspirata
Amorbia emigratella
Amphicerus cornutus
Anastrepha fraterculus
Anastrepha ludens
Anastrepha mombinpraeoptans
Anastrepha serpentina
Anthonomus alboblineatus
Anthonomus incanus
Aonidiella citrina
Aphanus umbrosus
Argyrotaenia franciscana (?)
Arvelius albopunctatus
Aspidiotus destructor
Aspidiotus diffinis
Aspidiotus palmarum
Aspidiotus spinosus
Asterolecanium bambusae
Asterolecanium epidendri
Attelabus corvinus
Calligrapha argus
Callirhytis sonoreae
Callosobruchus maculatus
Camirus conicus
Caulophilus latinasus
Celerio lineata
Chalcodermus dentiferus
Chelymormpha biannularis
Chrysomphalus albopictus
Chrysomphalus nigropunctatus
Chrysomphalus personatus
Chrysomphalus scutiformis
Chrysomphalus umbriferus
Coelosternus consputus
Conchaspis angraci
Conotrachelus aguacatae
Conotrachelus integer
Conotrachelus perseae
Crophius scabrosus
Cryphula apicatus
Curculio g-griseae
Cylas formicarius elegantulus
Cyrtopeltis varians
Deloyala guttata
Dendrobiella sericans
Dialeurodes citri
Diaphania hyalinata
Diaphania nitidalis
Diatraea saccharalis
Dicrepidius corvinus
Diorymerellus laevimargo
Dysdercus mimulus
Epicaerus cognatus
Epilachna varivestis
Epinotia opposita
Eucalandra setulosa
Eucalymnatus tessellatus
Eumysia stigmella
Euzesta annonae
Evergestis rimosalis
Exptochiomera oblonga
Exptochiomera tumens
Ferrisia virgata
Fulvius anthoroides
Gerstaeckeria mutillaria
Glyphonys praecox
Glyphonys quadricollis
Gnorimoschema gudmannella
Gnorimoschema lavernella
Grapholitha molesta
Grapholitha packardii
Gynaikothrips ficorum
Horistonotus dilaticornis
Horistonotus rufiventris
Hypolithus pectoralis

MEXICO—Continued

Ecerya palmeri
Jadera sanguinolenta
Lema confusa
Lema opulenta
Lepidosaphes carinata
Lepidosaphes philococcus
Lepidosaphes tokionis
Leptophobia aripa
Ligyrocoris abdominalis
Ligyrocoris aurivilliana
Ligyrocoris litigiosus
Lineodes integra
Liriomyza pusilla
Lorostege bifidialis
Lorostege similalis
Lygaeus circumlinitus
Lygaeus circumplicatus
Lygaeus consanguinitus
Lygaeus pulchellus
Lygaeus vitticatus
Lygus oblineatus
Madarus distigma
Malacorhinus tripunctatus
Megacerus contaminatus
Micrapate labialis
Mimorista flavidissimalis
Monanthia monotropidia
Moodna bisinuella
Mordellistena cattleyana
Mordellistena rufonotata
Myodocha longicollis
Neoleucinodes elegantalis
Nysius basalis
Oedionychis lateralis
Oedionychis transversalis
Ogdoecosta biannularis
Oosternum costatum
Parlatoria cinerea
Parlatoria pittospori
Pectinophora gossypiella
Phatnoma annulipes
Phenacoccus gossypii
Physonota humilis
Physorhinus distigma
Pityophthorus sambuci
Plagiodera thymaloides
Platycarenum notulatus
Platynota rostrana
Platynota stultana
Platypus rugulosus
Plesiommata mollicella
Prodenia eridania
Prodenia ornithogalli
Prostephanus truncatus
Pseudischnaspis alienus
Pseudodiaspis yuccae
Puto mexicanus (?)
Quichuana calathea
Renocis mexicanus
Rhagoletis juglandis (?)
Rhagoletis pomonella
Rhagoletis striatella
Rhinoncus pyrrhopus
Sisamnes contractus
Sizeonotus luteiceps
Stenoma catenifer
Stephanoderes lecontei
Systole geniculata
Taeniothrips simplex
Talponia batesi
Tanymecus confusus
"Targionia" bromiliae
Tenthecoris angustimarginatus
Tenthecoris confusus
Tenthecoris distinctus
Tetraleurodes mori
Tetrapriocera longicornis
Thamnophthorus schwarzi
Tomaspsis postica
Tomoplagia obliqua
Tetraleurodes vaporariorum
Trichobaris mucorea
Trioza anceps
Trochuda raspa
Tychius inermis
Unaspis citri
Valtiusus diversus

MEXICO—Continued

Xylomeira torquata
Zabrotes subfasciatus
Zale sabena

MOROCCO:

Cephalocteus scarabaeoides
Ceratitis capitata
Erosoma lusitanica
Sesamia vuteria

MOZAMBIQUE:

Cylas puncticollis

NETHERLANDS:

Acanthocinus aedilis
Acrolepia assectella
Allantus cinctus
Anuraphis tulipae
Athous niger
Blastophagus piniperda
Brachyrhinus sulcatus
Bruchus tristis
Evergestis forficalis
Forficula auricularia
Gracilaria azaleella
Ips sexdentatus
Ips typographus
Lampetia equestris
Lepidosaphes tuberculata
Mamestra brassicae
Nymphalis urticae
Orthomicus laricis
Pachybrachius luridus
Pityogenes bidentatus
Pityogenes chalcographus
Psila rosae
Rhopalosiphoninus tulipae
Sitona lineata
Taeniothrips simplex
Zabrotes subfasciatus

NETHERLANDS GUIANA:

Furcaspis biformis
Gnorimoschema gudmannella
Maruca testulalis

NETHERLANDS WEST INDIES:

Anastrepha serpentina (?)

NEW ZEALAND:

Morganella longispina
Taeniothrips simplex

NICARAGUA:

Aspidiotus palmarum
Aspidiotus spinosus
Chaetoclusia bakeri
Neoclytus cacticus
Platypus ruulosus
Stenoma catenifer

NIGERIA:

Callosobruchus maculatus
Leucaspis cockerelli

NORWAY:

Anuraphis helichrysi
Argyresthia conjugella
Callidium violaceum
Callosobruchus maculatus
Mamestra brassicae
Psila rosae
Thrips flavus

PAKISTAN:

Pectinophora gossypiella

PALESTINE:

Ceratitis capitata
Ceroplastes rusci
Frankliniella brallei
Lepidosaphes ficus
Ripersiella palestinae

PANAMA:

Acanthoscelides armatagei
Anastrepha mombimpraeoptans
Anastrepha serpentina
Ancylostoma stercora
Coccotrypes dactyliperda
Coccus viridis
Helitula phidilealis
Leucaspis cockerelli
Parlatoria cinerea
Stenoma anonella
Stenoma catenifer
Unaspis citri

PERU:

Anastrepha fraterculus (?)

PERU—Continued

Epinotia opposita
Gnorimoschema plaesiosema
Premnotypes fractirostris
Premnotypes solani
Stenoma catenifer
Taeniothrips simplex

PHILIPPINES:

Achatina fulica
Aonidiella citrina
Aonidiella inornata
Aspidiotus corypae
Aspidiotus excisus
Callosobruchus chinensis
Exillis longicornis
Ferrisia virgata
Heteroglymma alata
Iridomyrmex humilis
Lepidosaphes tokionis
Monomorium destructor
Morganella longispina
Nasutitermes luzonicus
Parlatoria pseudaspidotus
Parlatoria zizyphus
Pectinophora gossypiella
Pseudonidiaecurculiginis
Pseudococcus palmarum
Pulvinaria psidii

POLAND:

Blastophagus piniperda

PORTUGAL:

Aglossa cuprealis
Apion pomonae
Bruchus guttalis
Ceratitis capitata
Dacus oleae
Haplothrips cotti
Iridomyrmex humilis
Laspeyresia nigricana
Laspeyresia splendana
Psila rosae
Rhagoletis cerasi
Sesamia vuteria
Zabrotes subfasciatus

PRETORIA:

Chirothrips manicatus
Parozyna sororcula
Piezodorus purus
Trupanea pentziana

PUERTO RICO:

Anastrepha mombinpraeoptans
Anastrepha suspensa
Ancylostoma stercora
Aspidiotus destructor
Asterolecanium pustulans
Callosobruchus chinensis
Coccus viridis
Crociosema plebeiana
Cryptocephalus nigrocinctus
Cylas formicarius elegantulus
Diaphania hyalinata
Diaphania nitidalis
Diatraea saccharalis
Euscepes postfasciatus
Fundella pelluscens
Haplothrips gowdeyi
Lineodes triangularis
Maruca testulalis
Monomorium destructor
Pachyzancla bipunctalis
Pectinophora gossypiella
Sphenarches caffer
Stenoma catenifer
"Targionia" sacchari
Zabrotes subfasciatus

ST. KITTS:

"*Targionia*" *hartii*

SAIPAN:

Achatina fulica

SALVADOR:

Aeolus pulchellus
Algarobius ceratioborus
Anastrepha fraterculus
Anastrepha mombinpraeoptans
Icerya similis
Leucaspis cockerelli
Mimosstes dominicanus
Stenoma anonella

SALVADOR—Continued

Stenoma catenifer

SCOTLAND:

Anuraphis helichrysi
Brachyrhinus singularis
Dalopius marginatus
Forficula auricularia
Micrelus ericae
Taeniothrips atratus
Ulopa reticulata

SIAM:

Cylas formicarius var.
Ferrisia virgata
Furcaspsis biformis
Parlatoria pseudaspidotus

SIERRA LEONE:

Alcidodes dentipes
Cylas femoralis
Cylas puncticollis

SOUTH PACIFIC:

Aonidiella inornata
Melanoxanthus melanocephalus

SOUTHWEST AFRICA:

"*Chionaspis*" *ezalbid*

SPAIN:

Apion pomonae
Callosobruchus maculatus
Ceratitis capitata
Laspeyresia splendana
Lixus junci
Parlatoria zizyphus
Rhagoletis cerasi (?)
 STRAITS SETTLEMENTS:
Aspidiotus excisus
Dacus cucurbitae
Furcaspsis biformis
Morganella longispina
Parlatoria citri
Parlatoria pseudaspidotus
Parlatoria zizyphus
Vinsonia stellifera

SWEDEN:

Callidium violaceum
Chrysoclista atra
Hythgops palliatus
Ips typographus
Pityogenes chalcographus
Pogonocherus fasciculatus
Psila rosae
Rhagoletis alternata
Taeniothrips atratus

SWITZERLAND:

Bruchus affinis
Bruchus luteicornis
Laspeyresia splendana
Taeniothrips atratus
Thrips fuscipennis

SYRIA:

Bruchus ervi
Ceratitis capitata (?)
Dialeurodes kirkaldyi
Lepidosaphes pistaciae

TINTIAN ISLAND:

Achatina fulica

TRANSVAAL:

Asterolecanium stentae
 "Chionaspis" *ezalbid*

TRINIDAD:

Anastrepha fraterculus
Anastrepha mombinpraeoptans
Anastrepha serpentina
Ancylostoma stercora
Aonidiella comperi
Asterolecanium epidendri
Callosobruchus maculatus
Coccytrypes carpophagus
Coccytrypes dactyliperda
Coccus viridis
Dercynus micronyx
Diaphania nitidalis
Eurytoma orchidearum
Euscepes postfasciatus
Furcaspsis biformis
Hellula phidilealis
Leucaspis cockerelli
Monomorium destructor
Parlatoria cinerea
Pulvinaria psidii

TRINIDAD—Continued

Targionia sacchari
Unaspis citri
Vinsonia stellifera

TRUK:

Aonidiella inornata
Furcaspis oceanica

TUNISIA:

Coccotrypes dactyliperda
Gortyna flavago

TURKEY:

Andricus glandium
Bruchidius biguttatus fulvipennis
Bruchidius quinqueguttatus
Bruchus atomarius
Bruchus ervi
Bruchus hamatus
Bruchus lentis
Bruchus rufipes
Bruchus tristichus
Bruchus tristis
Bruchus ulicis
Callosobruchus maculatus
Coccotrypes dactyliperda
Cryptoblabes gnidiella
Eurytoma onobrychidis
Nilotaspis halli
Spermophagus cardui
Spintherus leguminum

UNION OF SOUTH AFRICA:

Aeoloides griseus
Aeolothrips brevicornis
Ananca hottentota
Antestia variegata
Antestia variegata lineaticollis
Ceratitis capitata
"Chionaspis" *humilis*
"Chionaspis" *indigoferae*
"Chionaspis" *leucadendri*
Ensina hyalipennis
Ensina ignobilis
Haplothrips nigricornis
Homothrips distinctus
Iridomyrmex humilis
Parlatoria pittospori
Phlyctinus callosus
Pseudococcus trichilae
Trionymus lounsburyi

UNKNOWN:

Bruchus guttalis
Callosobruchus maculatus

UNKNOWN—Continued

Ceratitis capitata
Dacus oleae
Diaprepes abbreviatus
Haplothrips cottei
Listroderes aequivocus
Nasutitermes nigriceps
Rhagoletis cerasi
Rhagoletis pomonella
Taeniothrips dianthi

URUGUAY:

Ceratitis capitata
Nysius simulans
Parlatoria cinerea

VENEZUELA:

Acanthoscelides armitagei
Anastrepha serpentina
Asterolecanium epidendri
Callosobruchus maculatus
Coccus viridis
Conchaspis angraeci
Diaphania nitidalis
Eurytoma orchidearum
Fulvius albomaculatus
Furcaspis biformis
Leucaspis cockerelli
Maruca testulalis
Mordellistena cattleyana
Prodenia eridania
Protopulvinaria longivalvata
Pseudischinaspis alienus
Stenomacrus catenifer
Taeniothrips simplex
Tenthorax venezuelensis
Vinsonia stellifera
Zabrotes subfasciatus

VIRGIN ISLANDS:

Cylas formicarius elegantulus
Euscepes postfasciatus
Pectinophora gossypiella

WALES:

Psila rosae

WEST AFRICA:

Alcidodes dentipes
Cylas femoralis
Cylas puncticollis

WEST INDIES:

"*Targionia*" *hartii*

YUGOSLAVIA:

Laspeyresia splendana

ist of pests (diseases) collected and reported from July 1, 1948, to June 30, 1949, inclusive
[An asterisk indicates State inspection]

Disease and host	Country of origin	Number of interceptions in—			Collected in—
		Con- sump- tion	Non- entry	Prop- aga- tion	
<i>Problebes ciliatus</i> von Linstow:					
<i>Aster novae-angliae</i>	Germany.....			1	New York.
(New England aster)					
Soil around azalea plants.....	Netherlands.....			1	Alabama.
<i>Alternaria citri</i> Ell. & Pierce:					
<i>Citrus sinensis</i> (orange).....	Argentina, Cyprus, Union of South Africa.		3		New York, Pennsyl- vania.
<i>Alternaria dianthi</i> F. L. Stevens & J. G. Hall:					
<i>Dianthus</i> sp. (carnation).....	Australia, Brazil.	1		2	California*, New York.
<i>Alternaria gypsophilae</i> Neerg.:					
<i>Gypsophila paniculata</i> (babysbreath)	Brazil.....	1			New York.
<i>Alternaria porri</i> (Ell.) Cif.:					
<i>Allium cepa</i> (onion).....	Mexico.....	3			Texas.
<i>Lycopersicon esculentum</i> (tomato).....	do.....	1			Do.
<i>Ascochyta tritici</i> (Steinbuch) Filip.:					
<i>Triticum aestivum</i> (wheat).....	Afghanistan, Iran, Iraq, Turkey.			9	District of Columbia.
<i>Asphanomyces raphani</i> Kendr.:					
<i>Raphanus sativus</i> (radish).....	Mexico.....	6			Texas.
<i>Asplenichus aderholdi</i> Schwartz:					
<i>Conrallaria majalis</i>	Denmark, Germany.	1		2	New York.
(lily-of-the-valley)					
<i>Asplenichus avenae</i> Bastian:					
<i>Aster novae-angliae</i>	Germany.....			1	Do.
(New England aster):					
<i>Ascochyta haworthiae</i> Trinch.:					
<i>Haworthia</i> sp.	Union of South Africa.			2	California.*
<i>Ascochyta lycopersici</i> Brun.:					
<i>Physalis irocarpa</i> (tomatillo).....	Mexico.....	3			Texas.
<i>Physalis</i> sp. (husk tomato).....	do.....	1			Do.
<i>Ascochyta pisi</i> Lib.:					
<i>Pisum sativum</i> (pea).....	England.....	3	3		New York, Texas.
	Mexico, Netherlands, Portugal.				
<i>Aschysochaetia ribis</i> (Fr.) Gross. & Dugg.:					
<i>Cocos nucifera</i> (coconut).....	Guam.....			1	California.*
<i>Psidium guajava</i> (guava).....	Puerto Rico.....	1			New York.
<i>Aschysochaetia elliptica</i> (Berk.) Cke.:					
<i>Allium sativum</i> (garlic).....	Peru.....		1		California.*
<i>Lilium auratum</i> (goldband lily).....	Japan.....			5	Do.
<i>Lilium japonicum</i> (Japanese lily).....	do.....			4	Do.
<i>Lilium rubellum</i> (rubellum lily).....	do.....			5	Do.
<i>Lilium speciosum</i> (speciosum lily).....	do.....			2	Do.
<i>Lilium speciosum rubrum</i>	do.....			1	Do.
(pink speciosum lily)					
<i>Lilium tigrinum</i> (tiger lily).....	do.....			1	Do.
<i>Lilium</i> sp.	China, Japan.	2		4	California*, Massachu- setts, Wash- ington.
<i>Aschysochaetia galanthina</i> (Berk. & Br.) Sacc.:					
<i>Galanthus</i> sp. (snowdrop).....	Netherlands.....			43	California*, Michigan, New Jersey, New York, Pennsyl- vania.
<i>Aschysochaetia gladiolorum</i> Timmermans:					
<i>Gladiolus</i> sp.	England, Netherlands.			8	New Jersey, New York.
<i>Tritonia</i> sp.	Netherlands.....			1	New York.
<i>Aschysochaetia tulipae</i> (Lib.) Lind:					
<i>Tulipa</i> sp. (tulip).....	do.....			2	California*, Oregon.
<i>Camellia</i> yellow-spot virus:					
<i>Camellia</i> sp.	France.....			1	California.*
<i>Citrus</i> "B":					
<i>Citrus limon</i> (lemon).....	Argentina.....		6		Maryland, New York, Pennsyl- vania.

List of pests (diseases) collected and reported from July 1, 1948, to June 30, 1949, inclusive
—Continued

[An asterisk indicates State inspection]

Disease and host	Country of origin	Number of interceptions in—			Collected in—
		Con- sump- tion	Non- entry	Prop- aga- tion	
<i>Cercospora angrei</i> Roum.: <i>Odontoglossum</i> sp. (orchid)-----	Belgium-----	-----	-----	1	New Jersey.
<i>Cercospora canescens</i> Ell. & G. Martin: <i>Phaseolus lunatus macrocarpus</i> (lima bean)-----	Puerto Rico-----	1	-----	-----	New York.
<i>Cercospora circumscissa</i> Sacc.: <i>Prunus</i> sp. (cherry)-----	Italy-----	-----	1	-----	Do.
<i>Cercospora fourcroyae</i> Obregon-Botero(?): <i>Agave</i> sp.-----	Venezuela-----	-----	-----	1	New Jersey.
<i>Cercospora handelii</i> Bub.: <i>Rhododendron</i> sp.-----	Belgium-----	-----	-----	1	Do.
<i>Cercospora malayensis</i> F. L. Stevens & Solh.: <i>Hibiscus cannabinus</i> (kenaf hibiscus)	Cuba-----	-----	-----	1	Florida.
<i>Cercospora musae</i> Zimm.: <i>Musa paradisica</i> (plantain)-----	Mexico-----	1	-----	-----	Texas.
<i>Musa paradisica sapientum</i> (banana)-----	Canal Zone, Colombia, Costa Rica, Guatemala, Honduras, Mexico, Nicaragua, Panama, Puerto Rico, Salvador.	-----	-----	94	California*, Louisiana, Maryland, New York, Texas.
<i>Cercospora neriella</i> Sacc.: <i>Nerium oleander</i> (oleander)-----	Bermuda-----	2	-----	-----	New York.
<i>Cercospora rosicola</i> Pass.: <i>Rosa</i> sp.-----	Guatemala, Mexico.	2	-----	1	Louisiana, Texas.
<i>Cerebella andropogonis</i> Ces.: <i>Sorghum vulgare</i> (sorghum)-----	Liberia-----	-----	-----	1	District of Columbia.
<i>Chaetomium indicum</i> Oda.: <i>Cymbidium</i> sp. (orchid)-----	India-----	-----	-----	1	California.*
<i>Claviceps microcephala</i> (Wallr.) Tul.: <i>Agrostis</i> sp.-----	England (?)-----	-----	-----	1	Ohio.
<i>Claviceps paspali</i> F. L. Stevens & J. G. Hall: <i>Paspalum</i> sp.-----	Turkey-----	-----	-----	1	District of Columbia.
<i>Claviceps purpurea</i> (Fr.) Tul.: <i>Agropyron</i> sp.-----	do-----	-----	-----	1	Do.
<i>Festuca elatior</i> (meadow fescue)-----	New Zealand-----	-----	-----	1	Do.
<i>Coleosporium campanulae</i> (Pers.) Lev.: <i>Campanula persicifolia</i> (peachleaf- bellflower)-----	Netherlands-----	-----	-----	1	New Jersey.
<i>Coleosporium domingense</i> (Berk.) Arth.: <i>Plumeria</i> sp.-----	Venezuela-----	-----	-----	1	Pennsylvania.
<i>Coleosporium senecionis</i> (Pers.) Fr.: <i>Pinus sylvestris</i> (Scotch pine)-----	Denmark-----	-----	-----	2	New Jersey.
<i>Pinus</i> sp. (pine)-----	do-----	-----	-----	1	Do.
<i>Colletotrichum agaves</i> Cav.: <i>Agave</i> sp.-----	Mexico-----	-----	-----	2	Texas.
<i>Colletotrichum cajani</i> Rangel: <i>Cajanus cajan</i> (pigeonpea)-----	Puerto Rico-----	6	-----	-----	New York.
<i>Colletotrichum graminicolum</i> (Ces.) G. W. Wils.: <i>Brachiaria subquadrifaria</i> -----	Philippines-----	1	-----	-----	Oregon.
<i>Colletotrichum lagenarium</i> (Pass.) Ell. & Halst.: <i>Citrullus vulgaris</i> (watermelon)-----	Brazil-----	-----	1	-----	Louisiana.
<i>Colletotrichum lilii</i> Plakidas: <i>Iris</i> sp.-----	Japan-----	-----	-----	1	California.*
<i>Liliaceous</i> leaf-----	Guatemala-----	-----	-----	1	District of Columbia.
<i>Lilium auratum</i> (goldband lily)-----	Japan-----	-----	-----	6	California.*
<i>Lilium japonicum</i> (Japanese lily)-----	do-----	-----	-----	3	Do.
<i>Lilium rubellum</i> (rubellum lily)-----	do-----	-----	-----	3	Do.
<i>Lilium speciosum</i> (speciosum lily)-----	do-----	-----	-----	2	Do.
<i>Lilium speciosum punctatum</i> (pinkspot speciosum lily)-----	do-----	-----	-----	1	Washington.
<i>Lilium speciosum rubrum</i> (pink speciosum lily)-----	do-----	-----	-----	4	California.*
<i>Lilium tigrinum</i> (tiger lily)-----	do-----	-----	-----	2	Do.

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Disease and host	Country of origin	Number of interceptions in—			Collected in—
		Con- sump- tion	Non- entry	Prop- aga- tion	
<i>Collectotrichum lilii</i> —Continued <i>Lilium</i> sp.-----	Canada, China, India.	4		9	California*, Washington
<i>Collectotrichum omnivorum</i> Halst.: <i>Aspidistra</i> sp.-----	Belgium-----			2	New Jersey.
<i>Collectotrichum phomoides</i> (Sacc.) Chester: <i>Physalis izocarpa</i> (tomatillo)-----	Mexico-----	1			Texas.
<i>Collectotrichum pisti</i> Pat.: <i>Pisum sativum</i> (pea)-----	Peru, Mexico.	6	2		Do.
<i>Coniothyrium hellebori</i> Oke. & Mass.: <i>Helleborus niger</i> (Christmas-rose)-----	Netherlands-----			4	New Jersey.
<i>Coniothyrium olivaceum</i> Bon.: <i>Rhododendron</i> sp.-----	England-----			1	Washington.
<i>Coniothyrium rhododendri</i> P. Henn.: <i>Rhododendron</i> sp.-----	Netherlands-----			1	Do.
<i>Coryneum beijerincki</i> Oud.: <i>Prunus persica</i> (peach)-----	Belgium, Germany.		2		New York.
<i>Coryneum rhododendri</i> Schw.: <i>Rhododendron</i> sp.-----	Netherlands-----			1	Washington.
<i>Cumminsella sanguinea</i> (Pk.) Arth.: <i>Mahonia aquifolium</i> ----- (Oregon hollygrape)	France-----	1			New York.
<i>Mahonia</i> sp.-----	Guatemala-----	1			District of Columbia.
<i>Curvularia lunata</i> (Wakk.) Boed.: <i>Allium cepa</i> (onion)-----	Mexico, Sweden.	1	1		Louisiana, Texas.
<i>Capsicum frutescens</i> (pepper)-----	Cuba-----		1		Pennsylvania.
<i>Cytospora ambiens</i> Sacc.: <i>Salix</i> sp. (willow)-----	England-----	1			New York.
<i>Cytospora ceratophora</i> Sacc.: <i>Castanea</i> sp. (chestnut)-----	Italy-----	1			California.*
<i>Cytospora chrysosperma</i> Pers. ex Fr.: <i>Hura crepitans</i> (sandboxtree)-----	Brazil-----	1			New York.
<i>Salix</i> sp. (willow)-----	Sweden-----		1		Pennsylvania.
<i>Cytospora dahliae</i> Peyl: <i>Dahlia</i> sp.-----	France-----			1	California.*
<i>Cytospora punica</i> Sacc.: <i>Punica granatum</i> (pomegranate)-----	Mexico-----	1			Texas.
<i>Diaporthe citri</i> Wolf: <i>Citrus sinensis</i> (orange)-----	Brazil-----		2		California.*
<i>Citrus</i> sp.-----	Aitutaki Island.		1		Hawaii.
<i>Diplocarpon rosae</i> Wolf: <i>Rosa</i> sp.-----	Mexico, Trini- dad.	2	1		Puerto Rico, Texas.
<i>Diplodia paraphysaria</i> Sacc.: <i>Laelia</i> sp. (orchid)-----	Mexico-----			1	Texas.
<i>Oncidium cavendishianum</i> (orchid)-----	do-----			1	Do.
<i>Oncidium</i> sp.-----	do-----			1	Do.
<i>Vanda</i> sp. (orchid)-----	India-----			1	Washington.
<i>Diplodia taxi</i> (Sow. ex Fr.) De N.: <i>Taxus cuspidata</i> (Japanese yew)-----	Japan-----			1	Do.
<i>Diplodia theobromae</i> (Pat.) Nowell: <i>Lecythis zabucajo</i> (monkeypoot tree)-----	Jamaica-----			1	California.*
<i>Manihot</i> sp.-----	Honduras-----			1	Do.
<i>Musa paradisiaca</i> (plantain)-----	Cuba-----	1			New York.
<i>Nymphaea</i> sp. (waterlily)-----	do-----	1			Do.
<i>Palm nut</i> -----	British Guiana-----	1			Do.
<i>Philodendron lacerum</i> -----	Guatemala-----			1	California.*
<i>Diplodina eurhododendri</i> Voss: <i>Rhododendron</i> sp.-----	Norway-----			1	New York.
<i>Diplodina grossulariae</i> Sacc. & Briand: <i>Ribes</i> sp.-----	Denmark, Germany.			2	New Jersey, New York.
<i>Ditylenchus destructor</i> Thorne (?): <i>Arachis</i> sp.-----	Uruguay-----			1	District of Columbia.
<i>Ditylenchus dipsaci</i> (Kuhn) Filip.: <i>Allium sativum</i> (garlic)-----	Mexico-----	25			Texas.
<i>Narcissus</i> sp.-----	Netherlands-----			1	Michigan.
<i>Ditylenchus</i> sp. (undescribed): <i>Colchicum speciosum</i> -----	do-----			1	New Jersey.
<i>Iris histrioides major</i> -----	do-----			1	Do.

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		Consumption	Non-entry	Propagation	
<i>Ditylenchus</i> sp.—Continued					
<i>Iris sindjarensis</i> (Aleppo iris).....	do.....			2	New Jersey.
<i>Iris</i> sp.....	do.....			1	Do.
<i>Elsinoe australis</i> Bitanc. & Jenkins:					
<i>Citrus aurantifolia</i> (sour lime).....	Brazil.....		2		California,*
<i>Citrus limon</i> (lemon).....	Argentina,.....	1	21		Massachusetts.
	Brazil.....				Alabama, California*,
<i>Citrus reticulata</i> (tangerine).....	Argentina.....		1		Louisiana,
<i>Citrus sinensis</i> (orange).....	Argentina,.....		22		Maryland,
	Brazil,.....				New York,
	Uruguay.....				Pennsylvania, Texas,
					New York.
<i>Elsinoe phaseoli</i> Jenkins:					
<i>Phaseolus lunatus macrocarpus</i>	Cuba, Puerto Rico.	7			Alabama, California*,
(lima bean)					Florida*,
<i>Elsinoe piri</i> Jenkins:					Maryland,
<i>Malus sylvestris</i> (apple).....	Poland.....	1			Massachusetts, New
<i>Eutypella bambusina</i> Penz. & Sacc.: Bamboo.....	Guatemala.....	1		1	York, Pennsylvania,
					Texas,
<i>Exobasidium vaccinii</i> (Fckl.) Woron.:					Virginia.
<i>Rhododendron</i> sp.....	Hawaii.....			1	New York.
<i>Fusarium oxysporum</i> Schlecht.:					
<i>Crocus</i> sp.....	Netherlands.....			1	Alabama,
<i>Iris</i> var. <i>Imperator</i>	do.....			1	California*,
<i>Fusarium oxysporum</i> Schlecht. f. <i>gladioli</i> (Massey) Snyder & Hansen:					Florida*,
<i>Gladiolus</i> sp.....	Canada, Germany, Netherlands.			9	New York.
<i>Fusarium oxysporum</i> Schlecht. f. <i>narcissi</i> Snyder & Hansen:					
<i>Narcissus</i> sp.....	Netherlands.....			15	California*,
					Michigan,
<i>Fusicladium pyracanthae</i> (Oth.) Rostr.:					Minnesota,
<i>Pyracantha coccinea</i> lalandi.....	do.....			1	New York,
<i>Fusicoccum galericulatum</i> Sacc.:					Pennsylvania.
<i>Fagus</i> sp.....	Belgium.....			1	New Jersey.
<i>Gliomastix convoluta</i> (Harz) Mason:					
<i>Eleocharis dulcis</i> (waternut).....	China.....	2			Do.
<i>Lilium speciosum punctatum</i>	Japan.....			1	California.*
<i>Narcissus</i> sp.....	Netherlands.....			1	Do.
<i>Solanum tuberosum</i> (potato).....	England, France.		2		Do.
<i>Zingiber officinale</i> (ginger).....	China.....	13			Do.
<i>Gliomastix penicilloides</i> Cda.:					
<i>Brassica napobrassica</i> (rutabaga).....	Australia.....		1		Pennsylvania.
<i>Gloeosporium affine</i> Sacc.:					
<i>Hoya</i> sp.....	do.....			1	Washington.
<i>Gloeosporium affine</i> Sacc. (?):					
<i>Vanda</i> sp. (orchid).....	India.....			1	Do.
<i>Gloeosporium beyrodtii</i> Khitzing:					
<i>Vanda</i> sp.....	do.....	1		1	Hawaii,
<i>Gloeosporium catechu</i> Syd.:					Washington.
Palm.....	Guam.....			1	California.*

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<i>Gloeosporium orchidearum</i> Karst.: Orchid.....	British West Indies.....	-----	-----	1	Massachu- setts.
<i>Gloeosporium piperatum</i> Ell. & Ev.: <i>Capsicum frutescens</i> (pepper).....	Cuba.....	-----	1	-----	New York.
<i>Gloeosporium rhododendri</i> Briosi & Cav.: <i>Rhododendron</i> sp.....	England.....	-----	-----	4	Washington.
<i>Gymnosporangium haraeaeum</i> Syd.: <i>Cupressus</i> sp. (cypress).....	Japan.....	-----	-----	2	Do.
<i>Juniperus</i> sp. (?).....	do.....	-----	-----	1	Do.
<i>Helminthosporium avenae</i> Eidam: <i>Avena</i> sp.....	England.....	1	-----	-----	California.*
<i>Helminthosporium carposaprum</i> Pollack: <i>Lycopersicon esculentum</i> (tomato).....	Mexico.....	2	-----	-----	Texas.
<i>Helminthosporium oryzae</i> Breda de Haan: <i>Oryza sativa</i> (rice).....	Canal Zone, Hawaii, Japan, Mexico.....	2	-----	2	Arizona, District of Columbia, Louisiana, New York.
<i>Heterodera goettingiana</i> Liebscher: <i>Camellia</i> sp.....	Azores.....	-----	-----	1	New Jersey.
Soil around strawberry roots.....	Denmark.....	-----	-----	1	District of Columbia.
<i>Heterodera punctata</i> Thorne: Soil with Orchid.....	England.....	-----	-----	1	New Jersey.
<i>Heterodera rostochiensis</i> Wr.: Soil with <i>Cyclamen</i> sp.....	Germany.....	-----	-----	1	Alabama.
Soil with <i>Juniperus</i> sp.....	England.....	-----	-----	1	New York.
Soil with nursery stock.....	do.....	-----	-----	1	Do.
Soil with perennial plants.....	do.....	-----	-----	1	New Jersey.
Soil with <i>Primula</i> sp.....	do.....	-----	-----	1	Do.
Soil with shamrocks.....	Ireland.....	1	-----	-----	New York.
Soil with plants.....	England, Ger- many.....	-----	-----	5	New Jersey, New York.
<i>Heterosporium allii</i> Ell. & G. Martin: <i>Allium sativum</i> (garlic).....	Mexico.....	1	-----	-----	Texas.
<i>Heterosporium ornithogali</i> (Klotzsch) Cke.: <i>Ornithogalum thyrsoides</i> (chinkerlichee).....	Union of South Africa.....	1	-----	-----	New York.
<i>Hormodendron cladosporioides</i> (Fres.) Sacc.: <i>Lycopersicon esculentum</i> (tomato).....	Mexico.....	1	1	-----	Texas.
<i>Phaseolus vulgaris</i> (kidney bean).....	Egypt.....	-----	1	-----	Pennsylvania.
<i>Isariopsis griseola</i> Sacc.: <i>Phaseolus vulgaris</i> var. (string bean)	Puerto Rico.....	2	-----	-----	New York.
<i>Karschia lignyota</i> (Fr.) Sacc.: <i>Magnolia</i> sp.....	Netherlands.....	-----	-----	1	Washington.
<i>Lachnum virgineum</i> (Batsch ex Fr.) Karst.: <i>Rhododendron molle</i>	do.....	-----	-----	1	New Jersey.
<i>Laestadia ruozii</i> (Mont.) Sacc.: <i>Erica</i> sp. (?).....	Union of South Africa.....	1	-----	-----	Do.
<i>Leptosphaeria berberidis</i> Rick: <i>Berberis</i> sp.....	Germany.....	-----	-----	1	New York.
<i>Leptosphaeria heterospora</i> (De N.) Niessi: <i>Iris</i> sp.....	Netherlands.....	-----	-----	1	New Jersey.
<i>Leptosphaeria musarum</i> Sacc. & Berl.: <i>Musa paradisiaca sapientum</i> (banana).....	Colombia, Guatemala.....	2	-----	-----	Maryland.
<i>Leptosphaeria opuntiae</i> Dodge: <i>Echinocactus texensis</i> (cactus).....	Mexico.....	-----	-----	1	New Jersey.
<i>Leptosphaeria rusci</i> (Wallr.) Sacc.: <i>Ruscus</i> sp.....	Italy.....	3	-----	-----	Pennsylvania.
<i>Leptothyrium berberidis</i> Cke. & Mass.: <i>Berberis</i> sp.....	Germany.....	-----	-----	1	New York.
<i>Leptothyrium pomi</i> (Mont. & Fr.) Sacc.: <i>Citrus reticulata</i> (tangerine).....	China.....	1	-----	-----	Hawaii.
<i>Malus sylvestris</i> (apple).....	France.....	-----	1	-----	New York.
<i>Lophodermium juniperinum</i> (Fr.) De N.: <i>Juniperus</i> sp.....	Japan.....	-----	-----	1	Washington.
<i>Lophodermium ozyococi</i> (Fr.) Karst.: <i>Vaccinium ovatum</i> (box blueberry).....	British Colum- bia.....	1	-----	-----	New York.

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<i>Macrophoma musae</i> (Cke.) Berl. & Vogl.: <i>Musa paradisica sapientum</i> (banana)	India, Pakis- tan, Phil- ippines.	2	7	-----	California*, Hawaii, New York.
<i>Musa</i> sp.....	Philippines	2	-----	-----	Hawaii.
<i>Marsonina populi</i> (Lib.) Magn.: <i>Populus tremula</i> (European aspen) ..	Germany	1	-----	-----	Pennsylvania.
<i>Melanospora zamiae</i> Cda.: <i>Eleocharis dulcis</i> (waternut).....	China	1	-----	-----	California.*
<i>Pueraria thunbergiana</i> (kudzu-bean)	do	1	-----	-----	Do.
<i>Zingiber officinale</i> (ginger).....	do	3	-----	-----	Do.
<i>Memnoniella echinata</i> (Rivolta) L. O. Gall.:					
<i>Catleya mossiae</i> (orchid).....	Costa Rica	-----	-----	1	Texas.
<i>Colocasia esculenta</i> (dasheen).....	China	2	-----	-----	California.*
<i>Eleocharis dulcis</i> (waternut).....	do	1	-----	-----	Do.
<i>Musa paradisica sapientum</i> (banana)	Fiji Islands	1	-----	-----	Do.
<i>Oryza sativa</i> (rice).....	Japan	-----	1	-----	Do.
<i>Zingiber officinale</i> (ginger).....	China, Hawaii	11	-----	-----	Do.
<i>Metasphaeria caraguata</i> Speg.: Bromeliad	Costa Rica	-----	-----	1	Texas.
<i>Monilinia fructigena</i> (Aderh. & Ruhl.) Honey:					
<i>Malus sylvestris</i> (apple).....	do	-----	1	-----	New York.
<i>Prunus persica</i> (peach).....	Portugal	1	-----	-----	Pennsylvania.
<i>Monochaetia paeoniae</i> (Mauhl.) Sacc. & D. Sacc.:					
<i>Paeonia suffruticosa</i> (tree peony).....	Japan	-----	-----	1	California.*
<i>Mononchus papillatus</i> Bastian: Soil around azalea plants	Netherlands	-----	-----	1	Alabama.
<i>Mycosphaerella allieina</i> (Fr.) Vest.: <i>Allium ascalonicum</i> (shallot)	do	-----	1	-----	Oregon.
<i>Mycosphaerella citrullina</i> (C. O. Sm.) Gross:					
<i>Cucumis sativus</i> (cucumber).....	Mexico	1	-----	-----	Texas.
<i>Sechium edule</i> (chayote).....	Haiti	-----	1	-----	Louisiana.
<i>Mycosphaerella clintoniana</i> House: <i>Rhododendron indicum</i> (indica azalea)	Belgium	-----	-----	1	New Jersey.
<i>Rhododendron</i> sp.....	England	-----	-----	1	Washington.
<i>Mycosphaerella fragariae</i> (Tul.) Lindau: <i>Fragaria</i> sp.....	England	-----	-----	1	California.*
<i>Mycosphaerella maculiformis</i> (Pers. ex Fr.) Schroet.:					
<i>Castanea</i> sp. (chestnut).....	Italy	-----	-----	1	New York.
<i>Mycosphaerella opuntiae</i> (Ell. & Ev.) Dearn.:					
<i>Coryphantha erecta</i> (cactus).....	Mexico	-----	-----	1	Texas.
<i>Opuntia compressa</i> (pricklypear).....	do	-----	-----	1	Do.
<i>Opuntia</i> sp.....	do	-----	-----	5	Do.
<i>Mycosphaerella philodendri</i> (Pat.) Lindau:					
<i>Philodendron</i> sp.....	do	-----	-----	1	Do.
<i>Mycosphaerella pinodes</i> (Berk. & Blox.) Stone:					
<i>Pisum sativum</i> (pea).....	do	1	-----	-----	Do.
<i>Mycosphaerella pomi</i> (Pass.) Lindau: <i>Malus sylvestris</i> (apple).....	Italy	-----	-----	1	New Jersey.
<i>Mycosphaerella rhododendri</i> (Cke.) G. H. Martin:					
<i>Rhododendron</i> sp.....	Netherlands	-----	-----	2	Do.
<i>Myrothecium roridum</i> Tode ex Fr.: <i>Lycopersicon esculentum</i> (tomato)	Mexico	2	-----	-----	Texas.
<i>Naemacyclus niveus</i> (Pers. ex Fr.) Sacc.: <i>Pinus sylvestris</i> (Scotch pine)	Denmark	-----	-----	1	New Jersey.
<i>Neovossia horrida</i> (Tak.) Padwick & Az- matullah Khan:					
<i>Oryza sativa</i> (rice).....	Service mail	1	-----	-----	Washington.
<i>Neovossia indica</i> (Mittra) Mund.: <i>Triticum aestivum</i> (wheat)	India	-----	-----	2	District of Columbia.

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<i>Nigrospora sphaerica</i> (Sacc.) Mason:					
<i>Anthurium sanguineum</i>	Guatemala.....			1	California.*
<i>Oryza sativa</i> (rice).....	Japan, Portu- gal.....	4			Do.
<i>Zea mays</i> (corn).....	Colombia.....			1	Do.
<i>Omphalia flavida</i> (Cke.) Maub. & Rang- gel:					
<i>Gardenia augusta</i> (gardenia).....	Mexico.....	22			California* Texas.
<i>Orbilia rubella</i> (Pers. ex Fr.) Karst.:					
<i>Eriobotrya japonica</i> (loquat).....	do.....	1			Texas.
<i>Papularia sphaerosperma</i> (Fr.) Hoehn.:					
<i>Bambusa</i> sp. (bamboo).....	India.....			1	California.*
<i>Papulaspora parasitica</i> (Eldam) Harz.:					
<i>Tulipa</i> sp. (tulip).....	Netherlands.....			1	Do.
<i>Periola hirsuta</i> (Schum.) Fr.:					
Orchid.....	Venezuela.....		1		Maryland.
<i>Peronospora effusa</i> (Grev.) Rab.:					
<i>Spinacia oleracea</i> (spinach).....	Mexico.....	4			Arizona, Texas.
<i>Peronospora pisi</i> (D By.) Syd.:					
<i>Pisum sativum</i> (pea).....	Portugal.....		1		Texas.
<i>Pestalotia conspicua</i> Servazzi:					
<i>Cattleya lueddemanniana</i> (orchid).....	Venezuela.....			1	Do.
<i>Cattleya mossiae</i>	do.....			1	California.*
<i>Stanhopea</i> sp. (orchid).....	Peru.....			1	Do.
<i>Vanda</i> sp. (orchid).....	Siam.....			1	Do.
<i>Pestalotia cryptomeriae</i> Cke.:					
<i>Cryptomeria japonica</i> (cryptomeria).....	Japan.....			1	Washington.
<i>Pestalotia funerea</i> Desm.:					
<i>Juniperus excelsa</i>	South America.....	1			New York.
<i>Mangifera indica</i> (mango).....	Mexico.....	1			Texas.
<i>Pinus</i> sp. (3-leaved pine).....	do.....			1	Do.
<i>Pestalotia inconspicua</i> Servazzi:					
<i>Laelia</i> sp. (orchid).....	do.....			1	Do.
<i>Pestalotia macrotricha</i> Kleb.:					
<i>Rhododendron</i> sp.....	England, Netherlands.....			3	New Jersey, Washington.
<i>Pestalotia microspora</i> Speg.:					
<i>Laelia anceps</i> (orchid).....	Mexico.....			1	Texas.
<i>Laelia</i> sp.....	do.....			1	Do.
<i>Pestalotia nucicola</i> Ell. & Ev.:					
<i>Castanea</i> sp. (chestnut).....	Italy.....	1			Do.
<i>Pestalotia palmarum</i> Cke.:					
Palm.....	Canal Zone, Mexico, St. Lucia.....	1		2	New York, Texas, Washington.
<i>Pestalotia peregrina</i> Ell. & Mart.:					
<i>Pinus mugo</i> (?).....	Denmark.....			1	New Jersey.
<i>Pinus sylvestris</i> (Scotch pine).....	do.....			1	Do.
<i>Pestalotia psidii</i> Pat.:					
<i>Psidium guajava</i> (guava).....	Mexico.....	2			Texas.
<i>Pezizella lythri</i> Shear & Dodge:					
<i>Paeonia suffruticosa</i> (tree peony).....	France.....			1	New Jersey.
<i>Rosa</i> sp.....	England.....			1	Do.
<i>Phaeosphaerella senniana</i> Sacc. (?):					
<i>Protea cynaroides</i> (honeypot protea).....	Union of South Africa.....			1	Do.
<i>Phaeosphaeria oryzae</i> Miyake:					
<i>Oryza sativa</i> (rice).....	China, Japan.....	4	1		California.*
<i>Phoma citricarpa</i> McAlp.:					
<i>Citrus grandis</i> (pummelo).....	China.....	1			Do.
<i>Citrus limon</i> (lemon).....	Australia, For- mosa.....			4	California*, Massachu- setts, New York, Penn- sylvania.
<i>Citrus paradisi</i> (grapefruit).....	Australia.....			2	California*, Washington.
<i>Citrus reticulata</i> (Mandarin orange).....	China.....	23	3		California*, Hawaii, Minnesota, New York, Washington.

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Disease and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Non-entry	Propagation	
<i>Phoma citricarpa</i> —Continued <i>Citrus sinensis</i> (orange)	Australia, Canton Island, China, Japan, Union of South Africa.	51	11		Alaska, California*, Hawaii, Massachusetts, New York, Pennsylvania, Washington
<i>Phoma insidiosa</i> Tassi: <i>Sorghum vulgare</i> (sorghum)	India, Kenya.			4	District of Columbia.
<i>Phoma japonica</i> Sacc.: <i>Kerria japonica</i> (kerria)	Japan			1	Washington.
<i>Phoma pinicola</i> (Zopf) Sacc.: <i>Pinus contorta</i> (shore pine)	Canada			1	Do.
<i>Phomopsis capsici</i> (Magn.) Sacc.: <i>Capsicum frutescens</i> (pepper)	Barbados, Cuba.	2			Massachusetts, New York.
<i>Phomopsis magnoliae</i> Died.: <i>Magnolia</i> sp.	Netherlands			1	New Jersey.
<i>Phomopsis phoenicola</i> Trav.: <i>Phoenix</i> sp.	Azores			1	Massachusetts.
<i>Phomopsis seposita</i> (Sacc.) Trav.: <i>Wisteria sinensis</i> (Chinese wisteria) ..	Netherlands			1	New Jersey.
<i>Wisteria</i> sp.	do			1	Do.
<i>Phomopsis sorbicola</i> Grove: <i>Sorbus aucuparia</i> (European mountain-ash)	do			1	Do.
<i>Phragmidium disciflorum</i> (Tode) James: <i>Rosa</i> sp.	Egypt, Italy		1	1	New York, Pennsylvania.
<i>Phyllachora engleri</i> Speg.: <i>Anthurium</i> sp. (?)	Guatemala				New Jersey.
<i>Phyllosticta aucubicola</i> Sacc.: <i>Aucuba</i> sp.	Netherlands			1	Do.
<i>Phyllosticta camelliae</i> West.: <i>Camellia japonica</i> (camellia)	England			1	Do.
<i>Phyllosticta codiaeicola</i> Died.: <i>Codiaeum</i> sp. (croton)	Bermuda			1	New York.
<i>Phyllosticta concava</i> Seaver: <i>Opuntia</i> sp. (cactus)	Mexico			1	Texas.
<i>Phyllosticta draconis</i> Berk.: <i>Cordylone terminalis</i> (dracena)	Hawaii	1			California.*
<i>Phyllosticta glumarum</i> (Ell. & Tracy) Miyake: <i>Oryza sativa</i> (rice)	Mexico	1			Arizona.
<i>Phyllosticta laeliae</i> Keissl.: <i>Brassia verrucosa</i> (orchid)	Guatemala			1	California.*
<i>Laelia anceps</i> (orchid)	Mexico			3	Texas.
<i>Laelia autumnalis</i>	do			1	Do.
<i>Laelia furfuracea</i>	do			1	Do.
<i>Laelia majalis</i>	do			1	Do.
<i>Laelia</i> sp.	do			5	California*, Texas.
<i>Phyllosticta leucothoes</i> Ell. & Mart.: <i>Leucothoe catesbaei</i> (drooping leucothoe)	Netherlands			1	New Jersey.
<i>Phyllosticta mortonii</i> Fairm.: <i>Mangifera indica</i> (mango)	Mexico	1			Texas.
<i>Phyllosticta narcissi</i> Aderh.: <i>Narcissus</i> sp.	Netherlands			1	California.*
<i>Phyllosticta nerii</i> West.: <i>Nerium oleander</i> (oleander)	Bermuda			1	Maryland.
<i>Phyllosticta ruscicola</i> Dur. & Mont.: <i>Ruscus</i> sp.	Italy	4			New York, Pennsylvania.
<i>Phyllosticta saccardoi</i> Thuem.: <i>Rhododendron</i> sp.	England			1	Washington.
<i>Physalospora campiospora</i> Sacc.: <i>Laelia anceps</i> (orchid)	Mexico			2	Texas.
<i>Laelia superbiens</i>	do			1	Do.
<i>Laelia</i> sp.	do			2	Do.
<i>Stanhopea</i> sp. (orchid)	do			1	Do.

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		Con- sump- tion	Non- entry	Prop- aga- tion	
<i>Physalospora cattleyae</i> Maub. & Lasnier: <i>Laelia</i> sp. (orchid).....	Mexico, Venezuela.	-----	-----	3	Texas.
<i>Physalospora ilicis</i> (Fr.) Sacc.: <i>Ilex</i> sp. (holly).....	Korea.....	-----	-----	1	California.*
<i>Physalospora obtusa</i> (Schw.) Cke.: <i>Genista</i> sp.....	Germany.....	-----	-----	1	New York.
<i>Pyrus communis</i> (pear).....	Spain.....	1	-----	-----	Pennsyl- vania.
<i>Physalospora orchidearum</i> P. Henn.: <i>Dendrobium</i> sp. (orchid).....	Australia.....	-----	-----	1	New Jersey.
<i>Physalospora wildemaniana</i> Sacc.: <i>Cattleya</i> sp. (orchid).....	Colombia.....	-----	-----	1	Texas.
<i>Laelia anceps</i> (orchid).....	Mexico.....	-----	-----	1	Do.
<i>Laelia</i> sp.....	do.....	-----	-----	1	Do.
<i>Stanhopea</i> sp. (orchid).....	do.....	-----	-----	1	Do.
<i>Pythophthora cactorum</i> (Leb. & Cohn) Schroet.: <i>Cucurbita maxima</i> (squash).....	do.....	1	-----	-----	Do.
<i>Pythophthora parasitica</i> Dast.: <i>Lycopersicon esculentum</i> (tomato).....	Jamaica.....	1	-----	-----	Alabama.
<i>Asmodiophora brassicae</i> Wor.: <i>Brassica rapa</i> (turnip).....	England.....	-----	1	-----	Pennsyl- vania.
<i>Mytilosporus occidentalis</i> Klotzsch: <i>Hura crepitans</i> (?).....	Brazil.....	2	-----	-----	New York.
<i>Aspospodium appendiculatum</i> (Wint.) Arth.: <i>Stenolobium stans</i>	Mexico.....	-----	1	-----	Texas.
(Florida yellowtrumpet) <i>Eudomonas marginata</i> (McCull.) Stapp: <i>Gladiolus</i> sp.....	Italy, Nether- lands.	-----	-----	4	Illinois, New York.
<i>Sparaxis grandiflora</i> (big wandflower)	Union of South Africa.	-----	-----	1	New Jersey.
<i>Eudomonas phaseolicola</i> (Burk.) Dowson: <i>Phaseolus vulgaris</i> (kidney bean).....	Mexico.....	2	-----	-----	Texas.
<i>Eudomonas solanacearum</i> E. F. Sm. (?) <i>Solanum tuberosum</i> (potato).....	do.....	1	-----	-----	Do.
<i>Eudomonas syringae</i> v Hall: <i>Persea americana</i> (avocado).....	do.....	1	-----	-----	Do.
<i>Eudopeziza medicaginis</i> (Lib.) Sacc.: <i>Medicago sativa</i> (alfalfa).....	Germany.....	1	-----	-----	New York.
<i>Eudopeziza trifolii</i> (Biv.-Bern.) Fekl.: <i>Trifolium repens</i> var. shamrock.....	Ireland.....	1	-----	-----	Do.
<i>Cecinia allii</i> (DC.) Rud.: <i>Allium sativum</i> (garlic).....	France.....	-----	1	-----	Texas.
<i>Cecinia arenariae</i> (Schum.) Wint.: <i>Gypsophila</i> sp.....	Portugal.....	-----	1	-----	Massachu- setts.
<i>Cecinia chrysanthemi</i> Roze: <i>Chrysanthemum morifolium</i> var.....	Japan.....	1	-----	-----	Washington
<i>Cecinia cichorii</i> (DC.) Bellynek: <i>Cichorium intybus</i> (chicory).....	Belgium.....	1	-----	-----	New York.
<i>Cecinia glumarum</i> (Schmidt) Eriks. & P. Henn.: <i>Hordeum vulgare</i> (barley).....	Japan.....	-----	1	-----	Louisiana.
<i>Triticum aestivum</i> (wheat).....	Turkey.....	-----	-----	1	District of Columbia.
<i>Cecinia ornithogalli-thyrsoidea</i> Diet.: <i>Ornithogalum thyrsoidea</i> (chinkerichee).....	Union of South Africa.	5	-----	-----	Maryland, Massachu- setts, New York, Penn- sylvania.
<i>Cecinia phragmitis</i> (Schum.) Koern.: <i>Phragmites communis</i> (reed).....	Chile, England, France, Netherlands.	4	-----	-----	New York, Ohio.
<i>Cecinia porri</i> (Sow.) Wint.: <i>Allium sativum</i> (garlic).....	Italy.....	1	-----	-----	Louisiana.
<i>Cecinia urbaniana</i> P. Henn.: <i>Stachytarpheta jamaicensis</i>	Puerto Rico.....	1	-----	-----	New York.

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<i>Puccinia violae</i> (Schum.) DC.: <i>Viola cornuta</i> (horned violet).....	Sweden,..... unknown.	1	1		New York.
<i>Pucciniastrum myrtilli</i> (Schum.) Arth.: <i>Rhododendron</i> sp.....	England.....			1	Washington
<i>Pyrenochaeta oryzae</i> Miyake: <i>Oryza sativa</i> (rice).....	India.....		1		Pennsylvania
<i>Rabenhorstia rudis</i> Fr.: <i>Laburnum watereri</i> (waterer laburnum)	Netherlands.....			1	New Jersey.
<i>Laburnum</i> sp.....	do.....			1	Do.
<i>Rhizopus necans</i> Mass.: <i>Lycoris</i> sp.....	China.....			1	Do.
<i>Schizophyllum commune</i> Fr.: <i>Hura crepitans</i> (?).....	Brazil.....	1			New York.
<i>Tilia tomentosa</i>	Italy.....			1	New Jersey.
<i>Sclerotinia kernerii</i> Wettst.: <i>Abies</i> sp.....	Greece.....	1			New York.
<i>Sclerotinia minor</i> Jagger: <i>Cichorium endivia</i> (endive).....	Belgium.....	3			Do.
<i>Sclerotinia trifoliorum</i> Eriks.: <i>Trifolium</i> sp. (clover).....	Afghanistan.....			1	District of Columbia
<i>Sclerotium cepivorum</i> Berk.: <i>Allium sativum</i> (garlic).....	Italy.....	3	1		Massachusetts, New York, Pennsylvania.
<i>Sclerotium delphinii</i> Welch: <i>Iris tingitana</i> (Morocco iris).....	France.....			1	New Jersey
<i>Septobasidium pseudopedicellatum</i> Burt: <i>Citrus sinensis</i> (orange).....	Brazil.....		1		New York.
<i>Septoria ampelina</i> Berk. & Curt.: <i>Vitis</i> sp. (grape).....	Mexico.....			1	Texas.
<i>Septoria azaleae</i> Vogl.: <i>Rhododendron</i> sp..... (Azalea vuylstukeana)	Netherlands.....			1	New Jersey
<i>Rhododendron</i> sp.....	Belgium, England, Netherlands.			21	New Jersey, Washington
<i>Septoria bambusella</i> Speg.: Bamboo.....	China.....	1			Washington
<i>Septoria castanicola</i> Desm.: <i>Castanea</i> sp. (chestnut).....	Italy.....			1	New Jersey
<i>Septoria chrysanthemi</i> Allesch.: <i>Chrysanthemum</i> sp.....	Bermuda, England, Netherlands.	1		3	Maryland, New Jersey
<i>Septoria citri</i> Pass.: <i>Citrus limon</i> (lemon).....	Italy, Portugal.....		2		Pennsylvania
<i>Septoria cyclaminis</i> Dur. & Mont.: <i>Cyclamen europaeum</i> (European cyclamen)	Switzerland.....			1	New York.
<i>Cyclamen</i> sp.....	Italy.....			1	New Jersey
<i>Septoria dianthi</i> Desm.: <i>Dianthus</i> sp. (carnation).....	Australia, Azores, Brazil, Portugal.	1	1	5	California*, Massachusetts, New York.
<i>Septoria divaricatae</i> Etl. & Ev.: <i>Phlox</i> sp.....	England.....			1	New Jersey
<i>Septoria epipactidis</i> Sacc. (?): <i>Cypripedium insigne</i> (orchid).....	India.....			1	California.*
<i>Septoria leucanthemi</i> Sacc. & Speg.: <i>Chrysanthemum maximum</i> (Shasta daisy)	Mexico.....	2			Texas.
<i>Chrysanthemum morifolium</i> var.....	Japan.....	1			Washington
<i>Septoria limonium</i> Pass.: <i>Citrus limon</i> (lemon).....	Algeria.....		1		Pennsylvania
<i>Septoria nodorum</i> Berk.: <i>Triticum aestivum</i> (wheat).....	India.....			1	District of Columbia
<i>Septoria oryzae</i> Catt.: <i>Oryza sativa</i> (rice).....	Japan.....	2			New York, Pennsylvania.

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<i>Leptotheca posekensis</i> Sacc.:					
<i>Bulbophyllum</i> sp. (?)	India			1	New Jersey.
<i>Coelogyne cristata</i> (orchid)	do			1	California.*
<i>Cymbidium deronianum</i> (orchid)	do			2	New Jersey.
<i>Cymbidium pendulum</i>	do			1	California.*
<i>Cypripedium insigne</i> (orchid)	do			1	Do
<i>Odontoglossum citrosimum</i> (orchid)	Mexico			6	Texas.
<i>Oncidium varicosum rogersi</i> (orchid)	Brazil			1	Florida.
<i>Oncidium</i> sp.	Mexico			1	Texas.
<i>Leptotheca pyricola</i> Desm.:					
<i>Pyrus communis</i> (pear)	Italy	1			Michigan.
<i>Leptotheca unedonis</i> Rob. & Desm.:					
<i>Arbutus unedo</i> (strawberry-tree)	do			1	New York.
<i>Uromyces reitiana</i> (Kuehn) McAlp.:					
<i>Sorghum vulgare</i> (sorghum)	India			1	District of Columbia.
<i>Sorghum vulgare technicum</i> (broomcorn)	Argentina, Rumania.	4			New York
<i>Phaeoloma fawcettii</i> Jenkins:					
<i>Citrus</i> sp.	Mexico	1			Texas.
<i>Phytophthora subsimplex</i> Oke.:					
<i>Musa paradisiaca sapientum</i> (banana)	Panama	1			California.*
<i>Phytophthora theobromae</i> Turc.:					
<i>Musa paradisiaca</i> (plantain)	Cuba, Dominican Republic, Honduras, Puerto Rico.	3	1		New York.
<i>Musa paradisiaca sapientum</i> (banana)	Colombia, Costa Rica, Ecuador, Guatemala, Mexico, Panama, Puerto Rico, Sierra Leone.	16	1		California*, New York, Pennsylvania.
<i>Uromyces berberidina</i> Sacc.:					
<i>Berberis</i> sp.	Germany			1	New York.
<i>Uromyces gigantea</i> Heald & Wolf:					
<i>Agave scabra</i>	Mexico			1	Texas.
<i>Uromyces graminella</i> Sacc.:					
<i>Triticum aestivum</i> (wheat)	India			1	District of Columbia.
<i>Phytophthora botryosum</i> Wallr.:					
<i>Allium cepa</i> (onion)	Mexico	3			Texas.
<i>Allium porrum</i> (leek)	France		1		Pennsylvania.
<i>Allium sativum</i> (garlic)	Mexico	2			Texas.
<i>Crassula</i> sp.	Bermuda	1			Virginia.
<i>Dianthus</i> sp. (carnation)	Denmark, Netherlands, Panama, Portugal (?)	2	1	1	Massachusetts, New Jersey, New York, Virginia.
<i>Hyacinthus</i> sp.	Netherlands			1	Washington.
<i>Nerium oleander</i> (oleander)	Bermuda			1	Maryland.
<i>Phytophthora ilicis</i> Tengwall:					
<i>Hyacinthus</i> sp.	Netherlands	1		4	New York, Pennsylvania, Texas, Virginia.
<i>Muscari</i> sp.	do			1	Michigan.
<i>Phytophthora radicum</i> (Meier, Drechs. & Eddy) Neerg.:					
<i>Daucus carota</i> (carrot)	England		1		Alabama.
<i>Hyacinthus</i> sp.	Netherlands			1	Washington.
<i>Aglaonema incarnatum</i> Wakk.:					
<i>Aglaonema simplex</i> (China green)	China			1	California.*
<i>Eleocharis dulcis</i> (waternut)	do	3			Do.
<i>Uromyces areolata</i> (Fr.) P. Magn.:					
<i>Prunus</i> sp. (cherry)	Finland			1	Washington.
<i>Phytophthora basicola</i> (Berk. & Br.) Ferr.:					
<i>Sinningia speciosa</i> (gloxinia)	Belgium, Netherlands.			27	New York, Pennsylvania.
Tomato pox":					
<i>Lycopersicon esculentum</i> (tomato)	Mexico	6			Texas.

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<i>Trichoderma lignorum</i> (Tode) Harz.: <i>Leucojum</i> sp. (snowflake).....	Netherlands.....			1	New Jersey.
<i>Tritirachium dependens</i> Limber: <i>Cyclamen</i> sp.....	Italy.....			1	Do.
<i>Tylenchorhynchus claytoni</i> Steiner: Soil around azaleas.....	Netherlands.....			1	Alabama.
<i>Tylenchus putrefaciens</i> Kuhn: <i>Allium sativum</i> (garlic).....	Mexico.....	1			Texas.
<i>Uredo anthurii</i> (Hariot) Sacc.: <i>Anthurium</i> sp.....	Guatemala.....			1	California.*
<i>Uredo autumnalis</i> Diet.: <i>Chrysanthemum morifolium</i> var.....	Japan.....	1			Washington.
<i>Uredo behnickiana</i> P. Henn.: <i>Epidendrum</i> sp. (orchid).....	Mexico.....			1	Texas.
<i>Laelia anceps</i> (orchid).....	do.....			2	Do.
<i>Oncidium</i> sp. (orchid).....	Brazil.....			2	New Jersey.
<i>Uredo oncidii</i> P. Henn.: <i>Oncidium cavendishianum</i> (orchid).....	Mexico.....			1	Texas.
<i>Oncidium lanceanum</i>	Trinidad.....			1	New Jersey.
<i>Urocystis colchici</i> (Schlecht.) Rab.: <i>Colchicum autumnale</i> (autumn crocus).....	Netherlands.....			3	Do.
<i>Colchicum autumnale album</i> (white autumn crocus).....	do.....			3	Do.
<i>Colchicum</i> sp.....	do.....			10	Do.
<i>Uromyces alyxiae</i> Arth.: <i>Alyxia olivaeformis</i> (malle alyxia).....	Hawaii.....	6			California.*
<i>Uromyces compactus</i> Pk.: <i>Aster spinosus</i> (devilweed aster).....	Mexico.....	1			Texas.
<i>Uromyces coronatus</i> Miy. & Nish.: <i>Oryza sativa</i> (rice).....	Japan.....	2			New York, Pennsyl- vania.
<i>Zizania latifolia</i> (Asiatic wildrice).....	do.....	1			Massachu- setts. Do.
<i>Zizania</i> sp.....	do.....	1			
<i>Uromyces fabae</i> (Pers.) D. By.: <i>Pisum sativum</i> (pea).....	India.....		1		New York.
<i>Uromyces lespedezae-procumbentis</i> (Schw.) Curt.: <i>Lespedeza bicolor</i> var. <i>japonica</i>	Japan.....			1	District of Columbia.
<i>Uromyces limonii</i> (DC.) Lev.: <i>Limonium sinuatum</i>	Switzerland.....	1			Michigan.
<i>Uromyces polygoni</i> (Pers.) Fckl.: <i>Rumex</i> sp.....	Netherlands.....	1			Oregon.
<i>Ustilago allii</i> McAlp.: <i>Allium cepa</i> (onion).....	Australia.....	1			Washington.
<i>Ustilago esculenta</i> P. Henn.: <i>Zizania latifolia</i> (Asiatic wildrice).....	Japan.....	2			New York, Pennsyl- vania.
<i>Ustilago nuda</i> (Jens.) Rostr.: <i>Hordeum vulgare</i> (barley).....	Italy.....	1			Washington.
<i>Ustilago perennans</i> Rostr.: <i>Arrhenatherum elatius</i> (tall oatgrass).....	Czechoslo- vakia.....	1			Ohio.
<i>Ustilago tritici</i> (Pers.) Rostr.: Cereal.....	Netherlands.....	1			Texas.
<i>Triticum aestivum</i> (wheat).....	Italy.....	1			New York.
<i>Venturia inaequalis</i> (Oke.) Wint. ciner- ascens (Fckl.) Aderh.: <i>Sorbus domestica</i> (servicetree).....	do.....	1			Pennsyl- vania.
<i>Vermicularia dematium</i> Fr.: <i>Cajanus cajan</i> (pigeonpea).....	Puerto Rico.....	1			New York.
<i>Dianthus</i> sp. (carnation).....	England.....			1	Massachu- setts.
<i>Volutella buxi</i> (Cda.) Berk.: <i>Buxus</i> sp.....	Netherlands.....			1	New Jersey.
<i>Volutella roseolum</i> Cke.: <i>Deutzia</i> sp.....	do.....			1	Do.
<i>Xanthomonas citri</i> (Hasse) Dowson: <i>Citrus aurantifolia</i> (sour lime).....	Ceylon, Egypt, India, Orient, Siam.....		12		California*, Massachu- setts, New York, Wash- ington.

List of pests (diseases) collected and reported from July 1, 1948, to June 30, 1949, inclusive
—Continued

[An asterisk indicates State inspection]

Disease and host	Country of origin	Number of interceptions in—			Collected in—
		Con- sump- tion	Non- entry	Prop- aga- tion	
<i>Anthomonas citri</i> —Continued					
<i>Citrus aurantifolia</i> (sweet lime)-----	Philippines-----		1		New York.
<i>Citrus grandis</i> (pummelo)-----	China-----	1			California.*
<i>Citrus limon</i> (lemon)-----	India, Japan-----		3		California*, Washington.
<i>Citrus paradisi</i> (grapefruit)-----	India (?),----- Philippines, unknown.	1	2		California*, New York.
<i>Citrus reticulata</i> (Mandarin orange)-----	China-----	1	1		California*, Washington.
<i>Citrus sinensis</i> (orange)-----	China, Japan, Straits Settlements.	7	3		California*, Hawaii.
<i>Citrus sinensis</i> (Navel orange)-----	Japan-----		1		Oregon.
<i>Anthomonas hyacinthi</i> (Wakk.) Dowson:					
<i>Hyacinthus</i> sp.-----	Netherlands-----			3	Michigan.
<i>Anthomonas vesicatoria</i> (Doidge) Dowson:					
<i>Capsicum frutescens</i> (pepper)-----	Mexico-----	1			Texas.

- ABIES:
Sclerotinia kernerii (Ascomycetes)
- AGAVE:
Cercospora fourcroyae (Deuteromycetes)
Colletotrichum agaves (Deuteromycetes)
Stagonospora gigantea (Deuteromycetes)
- AGLAONEMA:
Stilbum incarnatum (Deuteromycetes)
- AGROPYRON:
Claviceps purpurea (Ascomycetes)
- AGROSTIS:
Claviceps microcephala (Ascomycetes)
- ALLIUM ASCALONICUM:
Mycosphaerella allicina (Ascomycetes)
- ALLIUM CEPA:
Alternaria porri (Deuteromycetes)
Curvularia lunata (Deuteromycetes)
Stemphylium botryosum (Deuteromycetes)
Ustilago allii (Promycetes)
- ALLIUM PORRUM:
Stemphylium botryosum (Deuteromycetes)
- ALLIUM SATIVUM:
Botrytis elliptica (Deuteromycetes)
Ditylenchus dipsaci (Nematoda)
Heterosporium allii (Deuteromycetes)
Puccinia allii (Promycetes)
Puccinia porri (Promycetes)
Sclerotium cepivorum (Deuteromycetes)
Stemphylium botryosum (Deuteromycetes)
Tylenchus putrefaciens (Nematoda)
- ALYXIA:
Uromyces alyziae (Promycetes)
- ANTHURIUM:
Nigrospora sphaerica (Deuteromycetes)
Phyllachora engleri (Ascomycetes)
Uredo anthurii (Promycetes)
- ARACHIS:
Ditylenchus destructor (?) (Nematoda)
- ARBUTUS:
Septoria unedonis (Deuteromycetes)
- ARRHENATHERUM:
Ustilago perennans (Promycetes)
- ASPIDISTRA:
Colletotrichum omnivorum (Deuteromycetes)
- ASTER:
Acroboles ciliatus (Nematoda)
Aphelenchus avenae (Nematoda)
Uromyces compactus (Promycetes)
- AUCUBA:
Phyllosticta aucubicola (Deuteromycetes)
- AVENA:
Helminthosporium avenae (Deuteromycetes)
- BAMBOO:
Eutypella bambusina (Ascomycetes)
Septoria bambusella (Deuteromycetes)
- BAMBUSA:
Papularia sphaerosperma (Deuteromycetes)
- BERBERIS:
Leptosphaeria berberidis (Ascomycetes)
Leptothyrium berberidis (Deuteromycetes)
Stagonospora berberidina (Deuteromycetes)
- BRACHIARIA:
Colletotrichum graminicolum (Deuteromycetes)
- BRASSIA:
Phyllosticta laeliae (Deuteromycetes)
- BRASSICA NAPOBRASSICA:
Gliomastix penicilloides (Deuteromycetes)
- BRASSICA RAPA:
Plasmiodiophora brassicae (Myxomycetes)
- BROMELIAD:
Metasphaeria caraguata (Ascomycetes)
- BULBOPHYLLUM (?):
Septoria posekensis (Deuteromycetes)
- BUXUS:
Volvetella buxi (Deuteromycetes)
- CAJANUS:
Colletotrichum cajani (Deuteromycetes)
Vermicularia dematium (Deuteromycetes)
- CAMELLIA:
Camellia yellow-spot virus
Heterodera goettingiana (Nematoda)
Phyllosticta camelliae (Deuteromycetes)
- CAMPANULA:
Coleosporium campanulae (Promycetes)
- CAPSICUM:
Curvularia lunata (Deuteromycetes)
Gloeosporium piperatum (Deuteromycetes)
Phomopsis capsici (Deuteromycetes)
- CAPSICUM—Continued
Xanthomonas vesicatoria (Schizomycetes)
- CASTANEA:
Cytospora ceratophora (Deuteromycetes)
Mycosphaerella maculiformis (Ascomycetes)
Pestalotia nucicola (Deuteromycetes)
Septoria castanicola (Deuteromycetes)
- CATTLEY A:
Memnoniella echinata (Deuteromycetes)
Pestalotia conspicua (Deuteromycetes)
Phyalospora wildebrandiana (Ascomycetes)
- CHRYSANTHEMUM:
Puccinia chrysanthemi (Promycetes)
Septoria chrysanthemi (Deuteromycetes)
Septoria leucanthemi (Deuteromycetes)
Uredo autumnalis (Promycetes)
- CICHORIUM:
Puccinia cichorii (Promycetes)
Sclerotinia minor (Ascomycetes)
- CITRULLUS:
Colletotrichum lagenarium (Deuteromycetes)
- CITRUS AURANTIFOLIA:
Elsinoe australis (Ascomycetes)
Xanthomonas citri (Schizomycetes)
- CITRUS GRANDIS:
Phoma citricarpa (Deuteromycetes)
Xanthomonas citri (Schizomycetes)
- CITRUS LIMON:
Cancrosis "B":
Elsinoe australis (Ascomycetes)
Phoma citricarpa (Deuteromycetes)
Septoria citri (Deuteromycetes)
Septoria limonum (Deuteromycetes)
Xanthomonas citri (Schizomycetes)
- CITRUS PARADISI:
Phoma citricarpa (Deuteromycetes)
Xanthomonas citri (Schizomycetes)
- CITRUS RETICULATA:
Elsinoe australis (Ascomycetes)
Leptothyrium pomi (Deuteromycetes)
Phoma citricarpa (Deuteromycetes)
Xanthomonas citri (Schizomycetes)
- CITRUS SINENSIS:
Alternaria citri (Deuteromycetes)
Diaporthe citri (Ascomycetes)
Elsinoe australis (Ascomycetes)
Phoma citricarpa (Deuteromycetes)
Septobasidium pseudopedicellatum (Basidiomycetes)
Xanthomonas citri (Schizomycetes)
- CITRUS SP.:
Phoma citricarpa (Deuteromycetes)
Sphaceloma fawcettii (Deuteromycetes)
- COCOS:
Botryosphaeria ribis (Ascomycetes)
- CODIAEUM:
Phyllosticta codiaeicola (Deuteromycetes)
- COELOGYNE:
Septoria posekensis (Deuteromycetes)
- COLCHICUM:
Ditylenchus sp. (undescribed) (Nematoda)
Urocystis colchici (Promycetes)
- COLOCASTA:
Memnoniella echinata (Deuteromycetes)
- CONVALLARIA:
Aphelenchus aderholdi (Nematoda)
- CORDYLINE:
Phyllosticta draconis (Deuteromycetes)
- CORYPHANTHA:
Mycosphaerella opuntiae (Ascomycetes)
- CRASSULA:
Stemphylium botryosum (Deuteromycetes)
- CROCUS:
Fusarium oxysporum (Deuteromycetes)
- CRYPTOMERIA:
Pestalotia cryptomeriae (Deuteromycetes)
- CUCUMIS:
Mycosphaerella citrullina (Ascomycetes)
- CUCURBITA:
Phytophthora cactorum (Phycomycetes)
- CUPRESSUS:
Gymnosporangium haraeumum (Promycetes)
- CYCLAMEN:
Septoria cyclaminis (Deuteromycetes)
Tritirachium dependens (Deuteromycetes)
- CYMBIDIUM:
Chaetomium indicum (Ascomycetes)
Septoria posekensis (Deuteromycetes)

YPRIPEDIUM:
Septoria epipactidis (?) (Deuteromycetes)
Septoria posekensis (Deuteromycetes)
 AHLIA:
Cytospora dahliae (Deuteromycetes)
 AUCUS:
Stemphylium radicinum (Deuteromycetes)
 ENDROBIUM:
Phyalospora orchidearum (Ascomycetes)
 EUTZIA:
Voluella roseolum (Deuteromycetes)
 LANTHUS:
Alternaria dianthi (Deuteromycetes)
Septoria dianthi (Deuteromycetes)
Stemphylium botryosum (Deuteromycetes)
Vermicularia dematium (Deuteromycetes)
 CHINOCRACTUS:
Leptosphaeria opuntiae (Ascomycetes)
 EEOCHARIS:
Gliomastix convoluta (Deuteromycetes)
Melanospora zamiae (Ascomycetes)
Memnoniella echinata (Deuteromycetes)
Stilbum incarnatum (Deuteromycetes)
 PIDENDRUM:
Uredo behnickiana (Promycetes)
 RICA:
Laetia dia rouzii (Ascomycetes)
 IOBOTRYA:
Orbilia rubella (Ascomycetes)
 GUS:
Fusicoccum galericulatum (Deuteromycetes)
 STUCA:
Claviceps purpurea (Ascomycetes)
 AGARIA:
Gyosphaerella fragariae (Ascomycetes)
 LANTHUS:
Botrytis galanthina (Deuteromycetes)
 RDNIA:
Emphalia flavida (Deuteromycetes)
 NISTA:
Phyalospora obtusa (Ascomycetes)
 ADIOLUS:
Botrytis gladiolorum (Deuteromycetes)
Fusarium oxysporum f. *gladioli*
 (Deuteromycetes)
Pseudomonas marginata (Schizomycetes)
 PSOPHILA:
Alternaria gypsophila (Deuteromycetes)
Uccinia arenaria (Promycetes)
 WORTHIA:
Scocytha haworthiae (Deuteromycetes)
 LLEBORUS:
Botrythium hellebori (Deuteromycetes)
 BISCUS:
Cercospora malayensis (Deuteromycetes)
 RDEUM:
Uccinia glumarum (Promycetes)
Stilago nuda (Promycetes)
 YA:
Loeosporium affine (Deuteromycetes)
 RA:
Gyospora chrysosperma (Deuteromycetes)
Polyporus occidentalis (Basidiomycetes)
Phizophyllum commune (Basidiomycetes)
 ACINTHUS:
Stemphylium botryosum (Deuteromycetes)
Stemphylium ilicis (Deuteromycetes)
Stemphylium radicinum (Deuteromycetes)
Anthomonas hyacinthi (Schizomycetes)
 IX:
Phyalospora ilicis (Ascomycetes)
 IS:
Colletotrichum lilii (Deuteromycetes)
Ditylenchus sp. (undescribed) (Nematoda)
Fusarium oxysporum (Deuteromycetes)
Leptosphaeria heterospora (Ascomycetes)
Uterotium delphinii (Deuteromycetes)
 JNIPERUS:
Uterotium paraphysaria (Promycetes)
Uterotium juniperinum (Ascomycetes)
Uterotia funerea (Deuteromycetes)
 KRRIA:
Uterotia japonica (Deuteromycetes)
 LURNUM:
Uterotia horstia rudis (Deuteromycetes)
 LELIA:
Uterotia paraphysaria (Deuteromycetes)
Uterotia inconspicua (Deuteromycetes)

LAELIA—Continued
Pestalotia microspora (Deuteromycetes)
Phyllosticta laeliae (Deuteromycetes)
Phyalospora campispora (Ascomycetes)
Phyalospora cattleyae (Ascomycetes)
Phyalospora wildemaniana (Ascomycetes)
Uredo behnickiana (Promycetes)
 LECYTHIS:
Diplodia theobromae (Deuteromycetes)
 LESPEDEZA:
Uromyces lespedezae-procumbentis (Promycetes)
 LEUCOJUM:
Trichoderma lignorum (Deuteromycetes)
 LEUCOTHOE:
Phyllosticta leucothoes (Deuteromycetes)
 LILIAEAE:
Colletotrichum lilii (Deuteromycetes)
 LILIUM:
Botrytis elliptica (Deuteromycetes)
Colletotrichum lilii (Deuteromycetes)
Gliomastix convoluta (Deuteromycetes)
 LIMONIUM:
Uromyces limonii (Promycetes)
 LYCOPERSICON:
Alternaria porri (Deuteromycetes)
Helminthosporium carposaprum (Deuteromycetes)
Hormodendron cladosporioides (Deuteromycetes)
Myrothecium roridum (Deuteromycetes)
Phytophthora parasitica (Phycomycetes)
 "Tomato pox"
 LYCORIS:
Rhizopus necans (Phycomycetes)
 MAGNOLIA:
Karschia lignyota (Ascomycetes)
Phomopsis magnoliae (Deuteromycetes)
 MAHONIA:
Cumminsia sanguinea (Promycetes)
 MALUS:
Elsiniae piri (Ascomycetes)
Leptothyrium pomi (Deuteromycetes)
Monilia fructigena (Ascomycetes)
Mycosphaerella pomi (Ascomycetes)
 MANGIFERA:
Pestalotia funerea (Deuteromycetes)
Phyllosticta mortoni (Deuteromycetes)
 MANIHOT:
Diplodia theobromae (Deuteromycetes)
 MEDICAGO:
Pseudopeziza medicaginis (Ascomycetes)
 MUSA PARADISIACA:
Cercospora musae (Deuteromycetes)
Diplodia theobromae (Deuteromycetes)
Stachylidium theobromae (Deuteromycetes)
 MUSA PARADISIACA SAPIENTUM:
Cercospora musae (Deuteromycetes)
Leptosphaeria musarum (Ascomycetes)
Macrophoma musae (Deuteromycetes)
Memnoniella echinata (Deuteromycetes)
Stachybotrys subsimplex (Deuteromycetes)
Stachylidium theobromae (Deuteromycetes)
 MUSCARI:
Stemphylium ilicis (Deuteromycetes)
 NARCISSUS:
Ditylenchus dipsaci (Nematoda)
Fusarium oxysporum f. *narcissi*
 (Deuteromycetes)
Gliomastix convoluta (Deuteromycetes)
Phyllosticta narcissi (Deuteromycetes)
 NERIUM:
Cercospora neriella (Deuteromycetes)
Phyllosticta nerii (Deuteromycetes)
Stemphylium botryosum (Deuteromycetes)
 NYMPHAEA:
Diplodia theobromae (Deuteromycetes)
 ODONTOGLOSSUM:
Cercospora angreci (Deuteromycetes)
Septoria posekensis (Deuteromycetes)
 ONCIDIUM:
Diplodia paraphysaria (Deuteromycetes)
Septoria posekensis (Deuteromycetes)
Uredo behnickiana (Promycetes)
Uredo oncidii (Promycetes)
 OPUNTIA:
Mycosphaerella opuntiae (Ascomycetes)
Phyllosticta concava (Deuteromycetes)
 ORCHID:
Gloeosporium orchidearum (Deuteromycetes)
Periola hirsuta (Deuteromycetes)

ORNITHOGALUM:

Heterosporium ornithogali (Deuteromycetes)
Puccinia ornithogali-thyrsoides (Promycetes)

ORYZA:

Helminthosporium oryzae (Deuteromycetes)
Memnoniella echinata (Deuteromycetes)
Neovossia horrida (Promycetes)
Nigrospora sphaerica (Deuteromycetes)
Phaeosphaeria oryzae (Ascomycetes)
Phyllosticta glumarum (Deuteromycetes)
Pyrenochaeta oryzae (Deuteromycetes)
Septoria oryzae (Deuteromycetes)
Uromyces coronatus (Promycetes)

PAEONIA:

Monochaetia paeoniae (Deuteromycetes)
Pezizella lythri (Ascomycetes)

PALM:

Diplodia theobromae (Deuteromycetes)
Gloeosporium catechu (Deuteromycetes)
Pestalotia palmarum (Deuteromycetes)

PASPALUM:

Clariceps paspali (Ascomycetes)

PERSEA:

Pseudomonas syringae (Schizomycetes)

PHASEOLUS LUNATUS MACROCARPUS:

Cercospora canescens (Deuteromycetes)
Elsinoe phaseoli (Ascomycetes)

PHASEOLUS VULGARIS:

Hormodendron cladoporioides (Deuteromycetes)
Pseudomonas phaseolicola (Schizomycetes)

PHASEOLUS VULGARIS VAR.:

Isariopsis griseola (Deuteromycetes)

PHILODENDRON:

Diplodia theobromae (Deuteromycetes)
Mycosphaerella philodendri (Ascomycetes)

PHLOX:

Septoria divaricatae (Deuteromycetes)

PHOENIX:

Phomopsis phoenicola (Deuteromycetes)

PHRAGMITES:

Puccinia phragmitis (Promycetes)

PHYLIS:

Ascochyta lycopersici (Deuteromycetes)
Colletotrichum phomoides (Deuteromycetes)

PINUS:

Coleosporium senecionis (Promycetes)
Naemacystus niveus (Ascomycetes)
Pestalotia funerea (Deuteromycetes)
Pestalotia peregrina (Deuteromycetes)
Phoma pinicola (Deuteromycetes)

PISUM:

Ascochyta pisi (Deuteromycetes)
Colletotrichum pisi (Deuteromycetes)
Mycosphaerella pinodes (Ascomycetes)
Peronospora pisi (Phycomycetes)
Uromyces fabae (Promycetes)

PLUMERIA:

Coleosporium domingense (Promycetes)

POPULUS:

Marsonina populi (Deuteromycetes)

PROTEA:

Phaeosphaerella senniana (?) (Ascomycetes)

PRUNUS PERSICA:

Coryneum beijerincki (Deuteromycetes)
Monilinia fructigena (Ascomycetes)

PRUNUS SP. (cherry):

Cercospora circumscissa (Deuteromycetes)
Thecopsora areolata (Deuteromycetes)

PSIDIUM:

Botryosphaeria ribis (Ascomycetes)
Pestalotia psidii (Deuteromycetes)

PUERARIA:

Melanospora zamiae (Ascomycetes)

PUNICA:

Cytospora punica (Deuteromycetes)

PYRACANTHA:

Fusicladium pyracanthae (Deuteromycetes)

PYRUS:

Physalospora obtusa (Ascomycetes)
Septoria pyricola (Deuteromycetes)

RAPHANUS:

Aphanomyces raphani (Phycomycetes)

RHODODENDRON:

Cercospora handellii (Deuteromycetes)
Coniothyrium olivaceum (Deuteromycetes)
Coniothyrium rhododendri (Deuteromycetes)
Coryneum rhododendri (Deuteromycetes)
Diplodina eurrhododendri (Deuteromycetes)

RHODODENDRON—Continued

Erobisidium vaccinii (Basidiomycetes)
Gloeosporium rhododendri (Deuteromycetes)
Lachnum virgineum (Ascomycetes)
Mycosphaerella clintoniana (Ascomycetes)
Mycosphaerella rhododendri (Ascomycetes)
Pestalotia macrotricha (Deuteromycetes)
Phyllosticta saccardoi (Deuteromycetes)
Pucciniastrum myrtilli (Promycetes)
Septoria azaleae (Deuteromycetes)

RIBES:

Diplodina grossulariae (Deuteromycetes)

ROSA:

Cercospora rosicola (Deuteromycetes)
Diplocarpon rosae (Ascomycetes)
Pezizella lythri (Ascomycetes)
Phragmidium disciflorum (Promycetes)

RUMEX:

Uromyces polygoni (Promycetes)

RUSCUS:

Leptosphaeria rusci (Ascomycetes)
Phyllosticta rusicola (Deuteromycetes)

SALIX:

Cytospora ambiens (Deuteromycetes)
Cytospora chrysosperma (Deuteromycetes)

SECIUM:

Mycosphaerella citrullina (Ascomycetes)

SINNINGIA:

Thielaviopsis basicola (Deuteromycetes)

SOIL:

Acrobes ciliatus (Nematoda)
Heterodera goettingiana (Nematoda)
Heterodera punctata (Nematoda)
Heterodera rostochiensis (Nematoda)
Mononchus papillatus (Nematoda)
Tylenchorhynchus claytoni (Nematoda)

SOLANUM:

Gliomastix convoluta (Deuteromycetes)
Pseudomonas solanacearum (Schizomycetes)

SORBUS:

Phomopsis sorbicola (Deuteromycetes)
Venturia inaequalis var. *cinerascens* (Ascomycetes)

SORGHUM:

Cerebella andropogonis (Deuteromycetes)
Phoma insidiosa (Deuteromycetes)
Sorosporium reiliana (Promycetes)

SPARAXIS:

Pseudomonas marginata (Schizomycetes)

SPINACIA:

Peronospora effusa (Phycomycetes)
Stachytarpheta:
Puccinia urbaniana (Promycetes)

STANHOPEA:

Pestalotia conspicua (Deuteromycetes)
Physalospora campospora (Ascomycetes)
Physalospora wildemaniana (Ascomycetes)

STENOLOBIUM:

Prospodium appendiculatum (Promycetes)

TAXUS:

Diplodia taxi (Deuteromycetes)

TILIA:

Schizophyllum commune (Basidiomycetes)

TRIFOLIUM:

Gaeumannomyces trifolii (Ascomycetes)
Sclerotinia trifoliorum (Ascomycetes)

TRITICUM:

Anguina tritici (Nematoda)
Neovossia indica (Promycetes)
Puccinia glumarum (Promycetes)
Septoria nodorum (Deuteromycetes)
Stagonospora graminella (Deuteromycetes)
Ustilago tritici (Promycetes)

TRITONIA:

Botrytis gladiolorum (Deuteromycetes)

TULIPA:

Botrytis tulipae (Deuteromycetes)
Papulaspora parasitica (Deuteromycetes)

VACCINIUM:

Lophodermium ozyococi (Ascomycetes)

VANDA:

Diplodia paraphysaria (Deuteromycetes)
Gloeosporium affine (?) (Deuteromycetes)
Gloeosporium beyrodtii (Deuteromycetes)
Pestalotia conspicua (Deuteromycetes)

VIOLA:

Puccinia violae (Promycetes)

VITIS:

Septoria ampelina (Deuteromycetes)

ISTERIA:
Phomopsis seposita (Deuteromycetes)
IA:
Nigrospora sphaerica (Deuteromycetes)
NGIBER:
Gliomastix convoluta (Deuteromycetes)
Melanospora zamiae (Ascomycetes)
Memnoniella echinata (Deuteromycetes)
ZANIA:
Uromyces coronatus (Promycetes)
Ustilago esculenta (Promycetes)

Hosts unknown

EREAL:
Ustilago tritici (Promycetes)

Countries of origin and diseases

FGHANISTAN:
Anguina tritici
Sclerotinia trifoliorum
TUTAKI ISLAND:
Diaporthe citri
GERIA:
Septoria limonum
RGENTINA:
Alternaria citri
Cancrosis "B"
Elsinoe australis
Sorosporium reilianae
STRALIA:
Alternaria dianthi
Gliomastix penicilluloides
Gloeosporium affine
Phoma citricarpa
Physalospora orchidearum
Septoria dianthi
Ustilago allii
ZORES:
Heterodera goettingiana
Phomopsis phoenicola
Septoria dianthi
AKBADOS:
Phomopsis capsici
ELGIUM:
Cercospora angreci
Cercospora handelii
Colletotrichum omnivorum
Coryneum beijerinckii
Fusicoccum galeuculatum
Mycosphaerella clintoniana
Puccinia cichorii
Sclerotinia minor
Septoria azaleae
Thielaviopsis basicola
ERMUDA:
Cercospora neriella
Phyllosticta codiaeicola
Phyllosticta nerii
Septoria chrysanthemi
Stemphylium botryosum
RAZIL:
Alternaria dianthi
Alternaria gypsophilae
Colletotrichum lagenarium
Cytospora chrysosperma
Diaporthe citri
Elsinoe australis
Polyporus occidentalis
Schizophyllum commune
Septobasidium pseudopedicellatum
Septoria dianthi
Septoria posekensis
Uredo behnickiana
ITISH COLUMBIA:
Lophodermium oycocci
ITISH GUANA:
Diplodia theobromae
ITISH WEST INDIES:
Gloeosporium orchidearum
NADA:
Colletotrichum lilii
Fusarium oxysporum f. gladioli
Phoma pinicola
NAL ZONE:
Cercospora musae
Helminthosporium oryzae

CANAL ZONE—Continued
Pestalotia palmarum
CANTON ISLAND:
Phoma citricarpa
CEYLON:
Xanthomoxas citri
CHILE:
Puccinia phragmitis
CHINA:
Botrytis elliptica
Colletotrichum lilii
Gliomastix convoluta
Leptothyrium pomi
Melanospora zamiae
Memnoniella echinata
Phaeosphaeria oryzae
Phoma citricarpa
Rhizopus necans
Septoria bambusella
Stilbum incarnatum
Xanthomonas citri
COLOMBIA:
Cercospora musae
Leptosphaeria musarum
Nigrospora sphaerica
Physalospora wildemaniana
Stachyldium theobromae
COSTA RICA:
Cercospora musae
Memnoniella echinata
Metasphaeria caraguata
Stachyldium theobromae
CUBA:
Cercospora malayensis
Curvularia lunata
Diplodia theobromae
Elsinoe phaseoli
Gloeosporium piperatum
Phomopsis capsici
Stachyldium theobromae
CYPRUS:
Alternaria citri
CZECHOSLOVAKIA:
Ustilago perennans
DENMARK:
Aphelenchus aderholdi
Coleosporium senecionis
Diplodia grossulariae
Heterodera goettingiana
Naemacyclus niveus
Pestalotia peregrina
Stemphylium botryosum
DOMINICAN REPUBLIC:
Stachyldium theobromae
ECUADOR:
Stachyldium theobromae
EGYPT:
Hormodendron cladosporioides
Phragmidium disciflorum
Xanthomonas citri
ENGLAND:
Ascochyta pisi
Botrytis gladiolorum
Claviceps microcephala
Coniothyrium olivaceum
Cytospora ambiens
Gliomastix convoluta
Gloeosporium rhododendri
Helminthosporium avenae
Heterodera punctata
Heterodera rostochiensis
Mycosphaerella clintoniana
Mycosphaerella fragariae
Pestalotia macrotricha
Peizella lythri
Phyllosticta camelliae
Phyllosticta saccardoi
Plasmidiophora brassicae
Puccinia phragmitis
Pucciniastrum myrtilli
Septoria azaleae
Septoria chrysanthemi
Septoria divaricatae
Stemphylium radicum
Vermicularia dematiium
FIJI ISLANDS:
Memnoniella echinata

FINLAND:

Thecopsora areolata

FORMOSA:

Phoma citricarpa

FRANCE:

Camellia yellow-spot virus

Cumminsia sanguinea

Cytospora dahliae

Gliomastix convoluta

Leptothyrium pomi

Pezizella lythri

Puccinia allii

Puccinia phragmitis

Sclerotium delphinii

Stemphylium botryosum

GERMANY:

Acrobelles ciliatus

Aphelenchus aderholdi

Aphelenchus avenae

Coryneum beijerinckii

Diplodina grosulariae

Fusarium oxysporum f. *gladioli*

Heterodera rostochiensis

Leptosphaeria berberidis

Leptothyrium berberidis

Marsonina populi

Phyalospora obtusa

Pseudopeziza medicaginis

Stagonospora berberidina

GREECE:

Sclerotinia kernerii

GUAM:

Botryosphaeria ribis

Gloeosporium catechu

GUATEMALA:

Cercospora musae

Cercospora rosicola

Colletotrichum lilii

Cumminsia sanguinea

Diplodia theobromae

Eutypella bambusina

Leptosphaeria musarum

Nigrospora sphaerica

Phyllachora engleri

Phyllosticta laeliae

Stachylidium theobromae

Uredo anthurii

HAITI:

Mycosphaerella citrullina

HAWAII:

Erobasidium vaccinii

Helminthosporium oryzae

Memnoniella echinata

Phyllosticta draconis

Uromyces alyciae

HONDURAS:

Cercospora musae

Diplodia theobromae

Stachylidium theobromae

INDIA:

Chaetomium indicum

Colletotrichum lilii

Diplodia paraphysaria

Gloeosporium affine (?)

Gloeosporium beyrodtii

Macrophoma musae

Neovossia indica

Popularia sphaerosperma

Phoma insidiosa

Pyrenochaeta oryzae

Septoria epipactidis (?)

Septoria nodorum

Septoria posekensis

Sorosporium reiliana

Stagonospora graminella

Uromyces fabae

Xanthomonas citri

IRAN:

Anguina tritici

IRAQ:

Anguina tritici

IRELAND:

Heterodera rostochiensis

Pseudopeziza trifolii

ITALY:

Cercospora circumscissa

Cytospora ceratophora

Leptosphaeria rusci

ITALY—Continued

Mycosphaerella maculiformis

Mycosphaerella pomi

Pestalotia nucicola

Phragmidium disciflorum

Phyllosticta ruscicola

Pseudomonas marginata

Puccinia porri

Schizophyllum commune

Sclerotium cepinorum

Septoria castanicola

Septoria citri

Septoria cyclaminis

Septoria pyricola

Septoria unedonis

Tritirachium dependens

Ustilago nuda

Ustilago tritici

Venturia inaequalis var. *cinerascens*

JAMAICA:

Diplodia theobromae

Phytophthora parasitica

JAPAN:

Botrytis elliptica

Colletotrichum lilii

Diplodia taxi

Gliomastix convoluta

Gymnosporangium haraeannum

Helminthosporium oryzae

Lophodermium juniperinum

Memnoniella echinata

Monochaetia paeminae

Mycosphaerella allitina

Nigrospora sphaerica

Pestalotia cryptomeriae

Phaeosphaeria oryzae

Phoma citricarpa

Phoma japonica

Puccinia chrysanthemi

Puccinia glumarum

Septoria leucanthemi

Septoria oryzae

Uredo autumnalis

Uromyces coronatus

Uromyces lespedezae-procumbentis

Ustilago esculenta

Xanthomonas citri

KENYA:

Phoma insidiosa

KOREA:

Phyalospora ilicis

LIBERIA:

Cerebella andropogonis

MEXICO

Alternaria porri

Aphanomyces raphani

Ascochyta lycopersici

Ascochyta pisi

Cercospora musae

Cercospora rosicola

Colletotrichum agaves

Colletotrichum phomoides

Colletotrichum pisi

Curvularia lunata

Cytospora punica

Diplocarpon rosae

Diplodia paraphysaria

Ditylenchus dipsaci

Helminthosporium carposaprum

Helminthosporium oryzae

Heterosporium allii

Hormodendron cladoporioides

Leptosphaeria opuntiae

Mycosphaerella citrullina

Mycosphaerella opuntiae

Mycosphaerella philodendri

Mycosphaerella pimodes

Myrothecium viridum

Omphalia flavida

Orbilia rubella

Peronospora effusa

Pestalotia funerea

Pestalotia inconspicua

Pestalotia microspora

Pestalotia palmarum

Pestalotia psidii

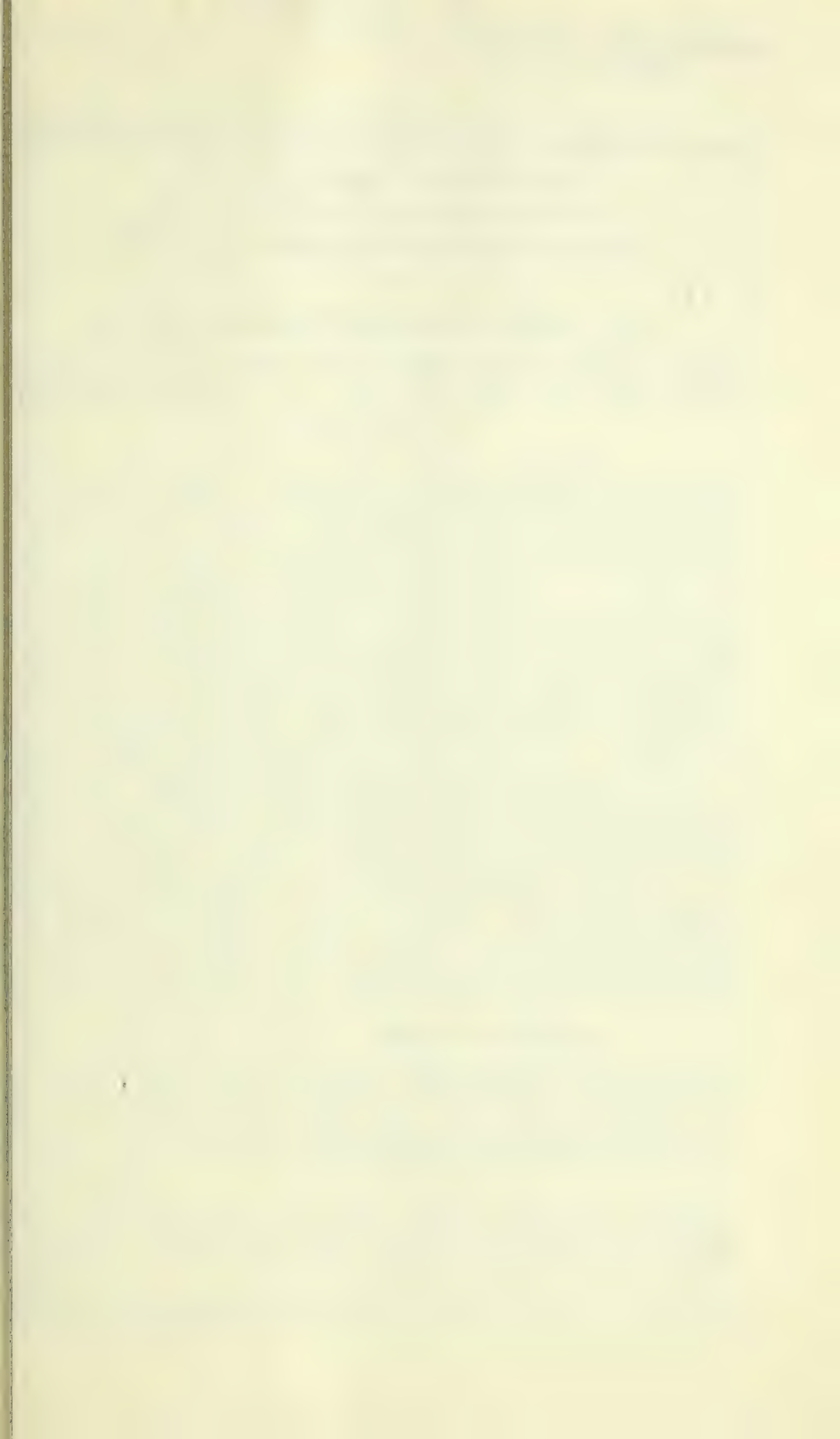
Phyllosticta concava

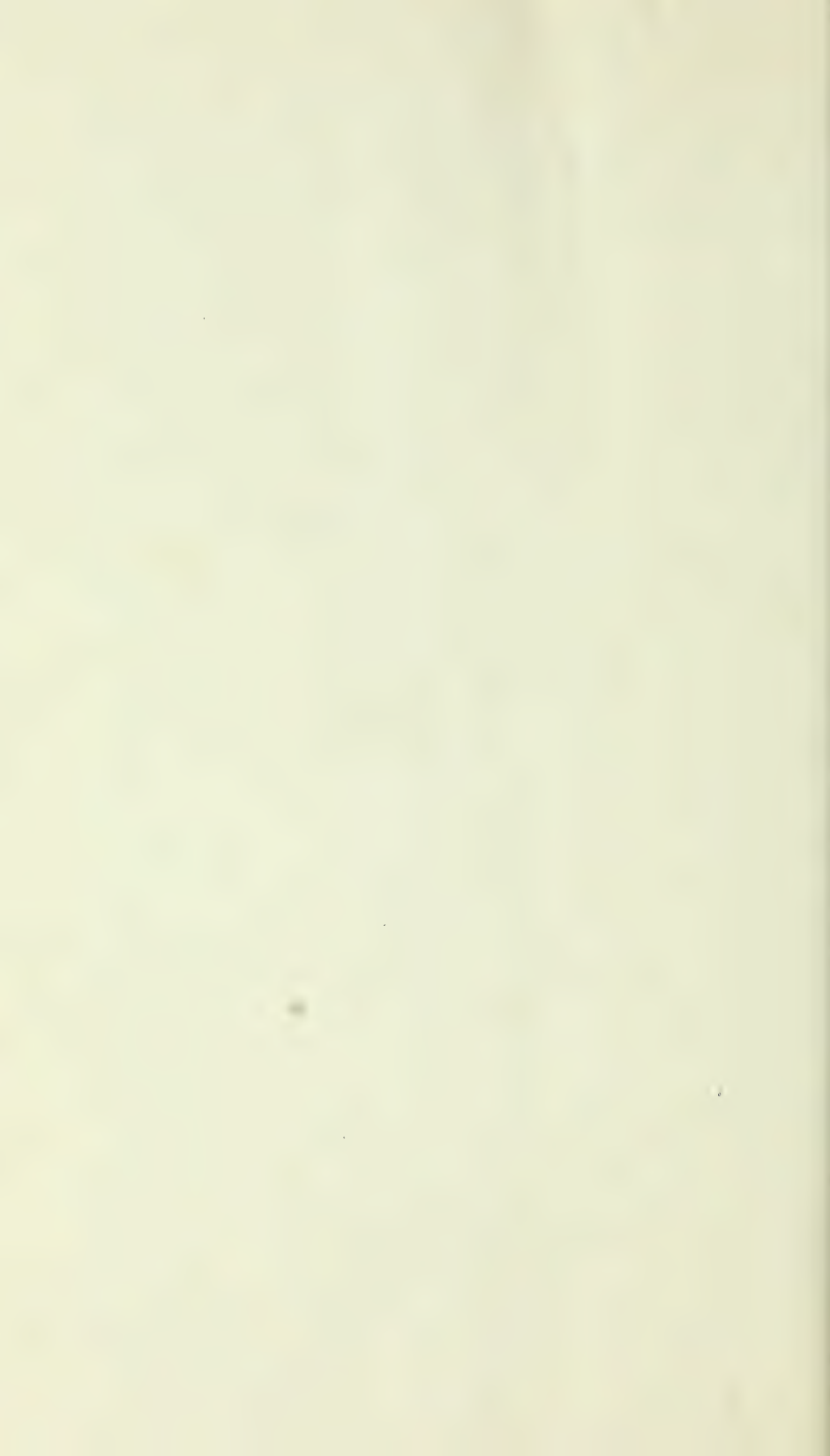
EXICO—Continued

Phyllosticta glumarum
Phyllosticta laelinae
Phyllosticta mortoni
Physalospora camptospora
Physalospora cuttleiae
Physalospora wildemaniana
Phytophthora cactorum
Prospodium appendiculatum
Pseudomonas phaseolicola
Pseudomonas solanacearum
Pseudomonas syringae
Peptoria ampelina
Peptoria leucanthemi
Peptoria posekensis
Phaceloma favettii
Stachylium theobromae
Tagonospora gigantea
Stemphylium botryosum
 "Tomato pox"
Tylenchus putrefaciens
Uredo behnickiana
Uredo oncidii
Uromyces compactus
Xanthomonas vesicatoria
 THERLANDS:
Croboles ciliatus
Ascochyta pisi
Otrytis galanthina
Otrytis gladiolorum
Otrytis tulipae
Osteosporium campanulae
Oenotherium hellebori
Oenotherium rhododendri
Oryzium rhododendri
Ditylenchus dipsaci
Ditylenchus sp. (undescribed)
Ustilium oryziporum
Ustilium oryziporum f. *gladioli*
Ustilium oryziporum f. *narcissi*
Ustilidium pyracanthae
Uromastix convoluta
Urschia lignyota
Utrichium virgineum
Uromycesphaeria heterospora
Uromyces fructigena
Uromyces papillatus
Uromycesphaerella rhododendri
Uromyces parasitica
Uromyces macrotricha
Uromyces magnoliae
Uromyces seposita
Uromyces sorbicola
Uromyces aucubicola
Uromyces leucothoes
Uromyces narcissi
Pseudomonas marginata
Puccinia phragmitis
Uromyces rudis
Uromyces azaleae
Uromyces chrysanthemi
Stemphylium botryosum
Stemphylium ilicis
Stemphylium radicinum
Uromyces basicola
Uromyces lignorum
Uromyceshynchus claytoni
Uromyces colchici
Uromyces polygoni
Ustilium tritici
Ustilium buxi
Ustilium roseolum
Xanthomonas hyacinthi
 IV ZEALAND:
Uromyces purpurea
 PARAGUA:
Cercospora musae
 RWAY:
Ustilidium eurhododendri
 T: *Uromyces citri*
 AISTAN:
Uromyces musae
 AAMA:
Cercospora musae
Uromyces subsimplex

PANAMA—Continued

Stachylium theobromae
Stemphylium botryosum
 PERU:
Botrytis elliptica
Colletotrichum pisi
Pestalotia conspiciua
 PHILIPPINES:
Colletotrichum graminicolum
Macrophoma musae
Xanthomonas citri
 POLAND:
Elsinoe piri
 PORTUGAL:
Ascochyta pisi
Monilinia fructigena
Nigrospora sphaerica
Peronospora pisi
Puccinia arenariae
Septoria citri
Septoria dianthi
Stemphylium botryosum
 PUERTO RICO:
Botryosphaeria ribis
Cercospora canescens
Cercospora musae
Colletotrichum cajani
Elsinoe phaseoli
Isariopsis griseola
Puccinia urbaniana
Stachylium theobromae
Vermicularia dematium
 RUMANIA:
Sorosporium reiliana
 ST. LUCIA:
Pestalotia palmarum
 SALVADOR:
Cercospora musae
 SIAM:
Pestalotia conspiciua
Xanthomonas citri
 SIERRA LEONE:
Stachylium theobromae
 SOUTH AMERICA:
Pestalotia funerea
 SPAIN:
Physalospora obtusa
 STRAITS SETTLEMENTS
Xanthomonas citri
 SWEDEN:
Curularia lunata
Cytospora chrysosperma
Puccinia violae
 SWITZERLAND:
Septoria cyclaminis
Uromyces limonii
 TRINIDAD:
Diplocarpon rosae
Uredo oncidii
 TURKEY:
Anguina tritici
Claviceps paspali
Claviceps purpurea
Puccinia glumarum
 UNION OF SOUTH AFRICA
Alternaria citri
Ascochyta haworthiae
Heterosporium ornithogali
Laestadia rouzii
Phaeosphaerella senniana
Phoma citricarpa
Pseudomonas marginata
Puccinia ornithogali-thyrsoideis
 UNKNOWN:
Neovossia horrida
Puccinia violae
Xanthomonas citri
 URUGUAY:
Ditylenchus destructor (?)
Elsinoe australis
 VENEZUELA:
Cercospora fourcroyae
Coleosporium domingense
Periola hirsuta
Pestalotia conspiciua
Physalospora cuttleiae





UNITED STATES DEPARTMENT OF AGRICULTURE

AGRICULTURAL RESEARCH ADMINISTRATION

BUREAU OF ENTOMOLOGY AND PLANT QUARANTINE

SERVICE AND REGULATORY ANNOUNCEMENTS

LIST OF INTERCEPTED PLANT PESTS, 1950¹

List of Pests Recorded During the Period July 1, 1949, to June 30, 1950, Inclusive, as Intercepted in, on, or with Plants and Plant Products Entering United States Territory)

INTRODUCTION

This report, covering the thirty-seventh year for which interception lists have been issued, summarizes the records of insect pests, plant pathogens, and certain other organisms found in, on, or with plants and plant products (1) imported, (2) offered for but refused entry, (3) held as ships' stores, etc., and hence not entered for entry through customs, (4) offered for entry for immediate export or for immediate transportation and exportation in bond, and (5) in domestic shipments between Hawaii and Puerto Rico and the mainland.

In some cases collections made late in the year are included in the report for the following year, since determination cannot be obtained immediately for all of them. Occasionally determinations are delayed for longer periods. The data for this list are obtained from routine reports by personnel of this Bureau, supplemented by information supplied by State and Customs officials. The States of California and Florida maintain staffs of specialists who identify a large proportion of the material collected at their ports. Specialists of the Bureau of Plant Industry, Soils, and Agricultural Engineering determine many of the difficult or unusual pathogens collected at the ports.

All scientific names are reviewed by appropriate specialists in the Department to assure conformance to the international rules of nomenclature.

Although every reasonable effort is made to give the correct origin for all collections listed, the alleged origin of host plant materials cannot be verified in all cases, and where there is reason to doubt the accuracy of the information, the questionable items are either omitted or the origin is listed as unknown.

During the year importations of plant materials continued to arrive in considerable numbers by both surface and air transportation, with the latter means of plant movement continuing to grow in importance. Air passengers' baggage has proved to be an especially frequent avenue of arrival for such serious pests as fruit flies and the golden nematode, which are now able to reach our shores only a few hours after leaving other lands hundreds or even thousands of miles away.

INTERCEPTIONS FROM AIR-BORNE MATERIAL

Plant pests have been intercepted frequently on air-borne plant material in mail, baggage, express, stores, and freight. During the year 3,702 interceptions were made of insects on imported plant parts or as stowaways, and 390 interceptions of plant diseases. Approximately one-fourth of the pathogens were not determinable as to species, but from the evidence, appeared to exhibit little or no risk to the country. A few of the specifically identified parasites are unknown in the United States.

Among the more important insects found in air-borne material were: The citrus blackfly (*Aleurocanthus woglumi*) on *Citrus* sp. leaves in baggage from the Bahamas and Nicaragua; the whitefly, *Aleurothrixus myrtacei*, on gardenia leaf in baggage from Mexico; the Mexican fruit fly (*Anastrepha ludens*) in mango in baggage from

Compiled by W. H. Wheeler, pathologist, Judith Hunt, plant quarantine aid, and P. X. Peltier, entomologist, Division of Plant Quarantines.

Guatemala, in mango in stores from Mexico, in orange in baggage and quarters from Mexico, in orange in baggage and stores from Guatemala, and in sweet lime in baggage from Mexico; the West Indian fruit fly (*A. mombinpraeoptans*) in mango in baggage from Cuba, Dominican Republic, Guatemala, Jamaica, Mexico, Nicaragua, and Salvador, in mango in baggage and mail from Puerto Rico, a bag containing *Spondias* spp. and guavas in baggage from Brazil, and in yellow mombin in baggage from Guatemala, Nicaragua, Salvador, and Venezuela; *mombinpraeoptans* (?) in mango in baggage from the Canal Zone and in a bag which had contained guavas and yellow mombins from Trinidad; *A. serpentina* in sapote in baggage from Salvador; *A. striata* (?) in guava in baggage from Trinidad; *A. suspensa* in bitter almond in baggage from Puerto Rico, in guava in baggage from Cuba, and in guava in baggage and mail from Puerto Rico; a chalcid, *olethreutid*, *Argyroplote leucotreta*, in orange in baggage from the Union of South Africa; a carposonid, *Carposina sasakii*, in apple in baggage from Korea; the Mediterranean fruit fly (*Ceratitis capitata*) in *Annona* sp., cherimoya, and loquats in baggage from the Madeira Islands, in apple in baggage from Portugal, in coffee berries in express from Brazil, in fig in baggage from the Azores and Italy, grapefruit in stores from Cyprus, in guava in baggage from Israel and Portugal, in kumquat in baggage from France, in orange in baggage from the Azores, Italy, and Spain, in orange in stores from the Azores and Portugal, in peach in baggage from the Azores, Portugal, and Syria, in peach in stores from France and Portugal, in pear in baggage from Austria (?), the Azores, Italy, and Portugal, in pear in stores from the Azores, Portugal, and Turkey, in persimmon in baggage from Italy, in quince in baggage from Italy and Portugal, in plum in baggage from the Azores, in pricklypear in baggage from Italy, in strawberry guava in baggage from Portugal, in tangerine in baggage from the Azores, Italy, Malta, Portugal, and Syria, in tangerine in cargo from Spain, and in tangerine in stores from Portugal and Syria (?); *C. capitata* (?) in apricot in baggage from France and Italy, in fig in baggage from France and Lebanon, in mango in baggage from Egypt, in nectarine in baggage from Italy, in orange in stores from French West Africa and Portugal, in peach in baggage from Italy, in pear in baggage from Syria, and in pricklypear in baggage from Spain; the banana root borer (*Cosmopolites sordidus*) in banana root in baggage from Salvador; *Cylas formicarius* in sweetpotato in stores from India; *C. formicarius* var. in sweetpotato in cargo from the Philippines and in sweetpotato in stores from India; four adults of the oriental fruit fly (*Dacus dorsalis*) were intercepted in preflight inspection of airplanes leaving Hawaii for the mainland; immature stages of *D. dorsalis* (?) were intercepted twice in coffee berries in baggage in preflight inspection of airplanes leaving Hawaii for the mainland and once in an avocado in stores from the Philippines; the olive fruit fly (*D. oleae*) in olive in baggage from Italy, Lebanon, Portugal, Saudi Arabia, Spain, and Syria and in olive in cargo from Italy; the rhododendron whitefly (*Dialeurodes chittendeni*) on rhododendron in express from the Netherlands; the Tahitian coconut weevil (*Diocalandra taitensis*) in coconut in baggage, cargo, and mail in preflight inspection of airplanes leaving Hawaii for the mainland; the East Indian bean pod borer (*Maruca testulalis*) in string bean in cargo from British Guiana, in string bean in mail leaving Hawaii for the mainland, in pigeon pea and green herb in mail from Puerto Rico, in leeks of *Canavalia* sp. in baggage in preflight inspection of airplanes leaving Hawaii for the mainland, in pigeon pea and string bean in baggage in preflight inspection of airplanes leaving Puerto Rico for the mainland; the tephritid *Myiopardalis pardalina* in snake melon in baggage from Lebanon; the pink bollworm (*Pectinophora gossypiella*) in cottonseed in baggage from Antigua, in cottonseed in cargo from Siam, in cotton boll in baggage from the Virgin Islands, in cottonseed, okra, and seed cotton in baggage in preflight inspection of airplanes leaving Puerto Rico for the mainland; the leaf roll *Polychrosis botrana* in green grapes in baggage from Lebanon; *Rhagoletis alternata* in rose hips in quarters from unknown origin; *R. cerasi* in cherry in baggage from France, Italy, Spain, and Switzerland and in cherry in stores from France, Italy, and Switzerland; *R. cerasi* (?) in cherry in baggage from Greece and in cherry in stores from Sweden; *Serica brunnea* in soil with unidentified plants in baggage from the Netherlands; *S. brunnea* (?) in soil with plants of *Delphinium* sp. in baggage from Sweden; the coffee berry borer (*Stephanoderes hampei*) in coffee beans in baggage from Brazil, in coffee beans in cargo from the Netherlands East Indies and in coffee beans in quarters from South America.

The more important plant disease organisms found on air-borne material, and not as yet believed to be established in the United States were: *Ascochyta citri* (?) on orange in stores from the Fiji Islands; *Cercospora lythracearum* on pomegranate

a baggage from Puerto Rico; *C. pini-densiflorae* on pine in cargo from China; *Thryomyza rhododendri* on *Rhododendron ferrugineum* in baggage from Austria, Germany, and Switzerland; *Elsinoe australis* on lemon in baggage from Brazil and on orange in stores from Argentina and Brazil; *E. phaseoli* on lima bean in mail from Puerto Rico; *Marasmius hyalospora* on *Acacia confusa* in cargo from China; *Melampsoridium betulinum* on birch in baggage from Finland; *Phyllosticta nigromaculans* on orchid in baggage from the Philippines; *Septoria examinans* on *lex pumila* in express from Switzerland; *S. posekensis* on *Miltonia* sp. (orchid) in cargo from Colombia; *Sphaceloma fawcettii* var. *scabiosa* on lemon in quarters from Australia and on lemon in baggage from New Zealand; *Thecopsora areolata* on *Prunus* sp. in baggage from Finland; *Uromyces scillarum* on *Muscari* sp. in baggage from England; and *Xanthomonas citri* on sour lime in baggage, quarters, and stores from India.

Intercepted plant disease organisms found on air-borne material, that are generally of limited distribution in the United States, were *Camellia* yellow spot virus on *Camellia japonica* in express from Italy; *Cercospora neriella* on oleander in cargo from Bermuda; *Curcularia lunata* on gladiolus in cargo from Mexico and a gladiolus in express from French Guinea; *Cycloconium oleaginum* on olive in baggage from Italy; *Helminthosporium oryzae* on rice in baggage from Greece; *Pterodroma punctata* in soil in baggage from Germany, in soil with chrysanthemum plants in mail, and in soil with orchid roots in express from England; *H. rostratum* in soil on heather plants in baggage from Scotland, in soil on shamrock plants in baggage from Ireland, and in soil with a maidenhair fern plant in baggage from England; *Pseudomonas savastanoi* on an olive twig in baggage from Italy; *Uromyces arenariae* on sweet-william in baggage from the Netherlands; *P. chrysanthemi* on chrysanthemum in cargo from Japan; *Septoria chrysanthemi* on chrysanthemum in express from Japan and the Netherlands, and in cargo from Japan and Mexico; *S. citri* on orange in stores from Australia; and *S. perseae* on avocado in baggage from Guatemala.

NOTES ON INSECTS INTERCEPTED

FRUIT FLIES

The following fruit flies were intercepted: *Anastrepha grandis* in squash in stores from Brazil; the Mexican fruit fly (*A. ludens*) in avocado in baggage from Mexico, in grapefruit in baggage, cargo (in transit for export), and in stores from Mexico, in mamey in baggage from Mexico, in mango in baggage from Guatemala and in mango in baggage, quarters, and stores from Mexico, in orange in baggage and stores from Guatemala and Mexico, and in orange in cargo (in transit for export) and in quarters from Mexico, in peach, pear, sapote, sour orange, and sweet lime in baggage from Mexico, and in the refrigerator of a mailer from Mexico; *A. ludens* (?) in apple, avocado, mango, orange, and pomegranate in baggage from Mexico; the West Indian fruit fly (*A. mombinpraeoptans*) in mango in baggage from Cuba, Dominican Republic, Guatemala, Honduras, Jamaica, Mexico, Nicaragua, Panama, Puerto Rico, and Salvador, in mango in cargo from Mexico and Puerto Rico, in mango in mail from Jamaica and Puerto Rico, in mango in quarters from Cuba, Dominican Republic, Guatemala, Haiti, Honduras, Mexico, Panama, and Puerto Rico, in mango in stores from Costa Rica, Mexico, and Panama, in purple mombin in baggage from Mexico, in yellow mombin in baggage from Guatemala, Mexico, Nicaragua, Salvador, and Venezuela, in yellow mombin in mail from Puerto Rico, and in a bag containing *Spondias* spp. and guavas in baggage from Brazil; *A. mombinpraeoptans* (?) in a bag which had contained guavas and yellow mombins in baggage from Trinidad, in mango in baggage from the Canal Zone, Dominican Republic, Mexico, Nicaragua, and Puerto Rico, in mango in mail from the Virgin Islands, and in mango in quarters from Panama; *A. serpentina* in sapote in baggage from Salvador and in tangerine in stores from Peru; *A. serpentina* (?) in mamey in baggage from Mexico; *A. striata* in guava in baggage from the Dominican Republic and Mexico; *A. striata* (?) in guava in baggage from Ecuador and Trinidad; *A. suspensa* in bitter almond in baggage from Puerto Rico, in guava in baggage from Cuba and Puerto Rico, in guava in mail from Puerto Rico; *A. suspensa* (?) in guava in baggage and mail from Puerto Rico; *Ceratitidis anonae* in avocado in stores from Gold Coast, Africa; the Mediterranean fruit fly (*C. capitata*) in *Annona* sp. in baggage from the Madeira Islands, in apple in baggage from France, Italy, and Portugal, in cherimoya in baggage from the Madeira Islands, in coffee berries in express from Brazil and coffee

berries in mail from Hawaii, in fig in baggage from the Azores and Italy, grapefruit in stores from the Canary Islands, Cyprus, Egypt, Israel, and Spain, in guava in baggage from Israel and Portugal, in strawberry guava in baggage from Portugal, in kumquat in baggage from France, in lemon in baggage from Italy, in loquat in baggage and mail from the Madeira Islands, in orange in baggage from the Azores, France (?), Italy, and Spain, in orange in cargo and quarters from Italy, in orange in stores from Algeria, the Azores, Egypt, Italy, and Portugal, in peach in baggage from the Azores, Portugal, and Syria, in peach in stores from France and Portugal, in pear in baggage from Austria (?), Azores, France, Italy, and Portugal, in pear in stores from the Azores, France, Portugal, and Turkey, in persimmon in baggage from Italy, in plum in baggage from the Azores, in pricklypear in baggage from Italy, in quince in baggage from Italy and Portugal, in tangerine in baggage from the Azores, Italy, Malta, Portugal, Spain, and Syria; *C. capitata* (?) in apple in baggage from France, in apricot in baggage from France and Italy, in cactus fruit in baggage from Italy, in coffee berries in baggage from Hawaii, in fig in baggage from France, Italy, and Lebanon, in grapefruit in stores from Cyprus, in mango in baggage from Egypt, in nectarine in baggage from Italy, in orange in stores from French West Africa, Italy, and Portugal, in peach in baggage from Italy, in pear in baggage from Syria, in pear in stores from France, and in pricklypear in baggage from Italy and Spain; the melon fly (*Dacus cucurbitae*) in cucumber in cargo and stores from Hawaii, in sweetbell red pepper and tomato in stores from Hawaii; *D. cucurbitae* (?) in cucumber in stores from Hawaii and in melon in stores from India; the Oriental fruit fly (*D. dorsalis*) in banana in baggage, quarters, and stores from Hawaii, in mango in baggage from Hawaii, in mango in mail from Guam, *Ochrosia elliptica* in baggage from Hawaii, in pepper, sweetbell red pepper, and tomato in stores from Hawaii, and four adults in preflight inspection of airplane leaving Hawaii for the mainland; *D. dorsalis* (?) in avocado in stores from the Philippines, in banana in baggage from Hawaii, and in coffee berries in baggage from Hawaii; the olive fruit fly (*D. oleae*) in olive in baggage from Greece, Italy, Lebanon, Portugal, Saudi Arabia, Spain, and Syria, in olive in cargo from Italy and in olive in mail from Italy and Tripoli; *D. oleae* (?) in olive in baggage and stores from Italy; *Myciopardalis pardalina* in snake melon in baggage from Lebanon; *Rhagoletis alternata* in rose hip in quarters from unknown origin; *R. alternata* (?) in rose hip in cargo from the Netherlands; *R. cerasi* in cherry in baggage from France, Italy, Spain, and Switzerland, in cherry in cargo from Germany, in cherry in mail from Switzerland, and in cherry in stores from France, Germany, Italy, and Switzerland; *R. cerasi* (?) in cherry in baggage from Greece and in cherry in stores from Sweden; *R. pomonella* in apple in baggage and quarters from Mexico; *R. striatella* in husk tomato in baggage from Mexico; the papaya fruit fly (*Toxotrypana curvicauda*) in papaya in baggage from Mexico.

INSECTS OTHER THAN FRUIT FLIES

The following miscellaneous insects of special interest were intercepted: The citrus blackfly (*Aleurocanthus woglumi*) on leaves of *Citrus aurantifolia* in baggage and cargo from Mexico, on leaf of *C. aurantifolia* in stores from Costa Rica, on leaves of *Citrus* sp. in baggage from the Bahamas, Mexico, and Nicaragua, on orange leaf in baggage from Mexico, on sour orange leaf in baggage from Colombia, on tangerine leaf in baggage from Mexico, and on an unknown plant in baggage from Mexico; *Aleurothrixus myrtacei* (Aleyrodidae) on gardenia leaf in baggage from Mexico; a bostrichid, *Bostrychophilus cornutus*, in a wooden crate for veneer in cargo from the Gold Coast; a bruchid, *Bruchidius incarnatus*, a potential pest not established in the United States, in broadbean in baggage from Egypt and Lebanon, in broadbean and lentils in mail from Egypt, and in *Vicia* sp. seed in cargo from Egypt; the Asiatic rice borer (*Chilo simplex*) in rice straw in mail from China, Germany, and Japan, in rice straw in baggage from China, and in rice straw in cargo from China and Japan; *C. simplex* (?) in rice straw in mail from Nigeria; a scolytid, *Coccotrypes pygmaeus*, in *Euterpe badiocarpa* (palm) in baggage from Brazil, in palm seed in cargo from Mexico, and in *Ptychosperma elegans* (solitaire palm) in baggage from Argentina; *Coptotermes formosanus*, a very destructive subterranean termite, in *Aglanema simplex* in cargo from China and in wooden packing cases in cargo from Hawaii; *C. niger*, another earth-living termite, in a wooden packing case in cargo from Hawaii; the banana root borer (*Cosmopolites sordidus*) in banana roots in baggage from Salvador

Crepidodera asphaltina (?) (Chrysomelidae) with tomatoes in cargo from Mexico; *Triocerus lilii* (Chrysomelidae) in Madonna lily bulb in cargo from France; a curculionid, *Diaprepes abbreviatus* var., with an unidentified plant in mail from Puerto Rico; the Tahitian coconut weevil (*Diocalandra taitensis*) in coconut in baggage, cargo, and mail from Hawaii; a curculionid, *Epicaerus cognatus*, in potato stores from Mexico; *Gymnandrosoma aurantianum* (Olethreutidae) in orange quarters from Trinidad and in orange in stores from Brazil; a chrysomelid, *Lema bilineata*, recorded as a pest of tobacco in Argentina and Africa where it has established itself, in an airplane originating in Rio de Janeiro, Brazil; *Leucinodes orbonalis* (?) (Pyraustidae) in eggplant in stores from India; *Palaeopus osticollis* (Curculionidae) in ginger root in mail from Jamaica; the pink bellworm *Pectinophora gossypiella* in cotton boll in baggage from Hawaii, Venezuela, and the Virgin Islands, in cotton boll in express from the Gold Coast, in cottonseed in baggage from Antigua, Hawaii, and Mexico, in cottonseed in baggage in preflight inspection of an airplane leaving Puerto Rico for the mainland, in cottonseed in cargo from Egypt, India, Lebanon, Mexico, and Siam, in cottonseed in mail from Hawaii, India, Japan, and Syria, in cottonseed in quarters from Mexico, in seed cotton in baggage from Mexico, in seed cotton in baggage in preflight inspection of an airplane leaving Puerto Rico for the mainland, in seed cotton in cargo from Mexico, in seed cotton in mail from Hawaii and the Philippines, in seed cotton in quarters from Mexico, in okra in baggage in preflight inspection of an airplane leaving Puerto Rico for the mainland, in okra in mail from India, and in okra in stores from Brazil and the Dominican Republic; *Phaeidole megacephala* (Formicidae), and important economic species, on gladiolus in baggage from Argentina, on hibiscus and oleander in baggage from Bermuda, on lily bud in cargo from Bermuda, on pineapple in cargo from Cuba, on yam in mail from St. Kitts, and in soil with potted plants in quarters from Honduras; *Trays endocarpa* (Hyponomeutidae) in pummelo in stores from the Philippines; *Persea cretica* (Phalaenidae) in corn in baggage from Italy; the coffee berry borer (*Stephanoderes hampei*) in coffee beans in baggage and mail from Brazil, in coffee beans in cargo from Angola and the Netherlands East Indies, and in coffee beans in quarters from South America; the bulb scale mite (*Tarsonemus linceus*) in narcissus bulbs in mail from England and the Netherlands.

SNAILS

Salvaged military equipment continues to be contaminated with the giant African snail (*Achatina fulica*). Nine shiploads were involved during the year. Two of the contaminated cargoes arrived at New Orleans, La., from Guam and Saipan, five at San Pedro, Calif., from Guam and Saipan, and one at Baltimore, Md., from Saipan. In addition to these, one specimen was taken at Honolulu, Hawaii on a *Dendrobium* orchid leaf from Palau Island.

Other interceptions of snails, not known to occur on the mainland of the United States and injurious to agriculture, were *Bradybaena similis* on plants of the African daisy and on cuttings of geranium at New York, N. Y., from Bermuda, on cut flowers of carnations and snapdragons at the National Airport, Arlington, Va., from Bermuda, and with *Phaseolus vulgaris* at Philadelphia, Pa., from Bermuda. *Lamellaxis* sp. was taken at San Diego, Calif., in soil around an unknown plant from Algeria and also at Honolulu, Hawaii, in potting material for a *Cypripedium* orchid from India.

NOTES ON DISEASES INTERCEPTED

For the fourth year of the last five, India has contributed the greatest number of interceptions (17) of citrus canker (*Xanthomonas citri*), all on sour limes. China, in second place, contributed 10 canker importations on sweet oranges and on Mandarin orange. From Japan came 8 importations of citrus canker on various citrus species including grapefruit, lemon, Mandarin orange, and pummelo. A second disease of importance to the citrus industry, the sweet orange fruit scab (*Elsinoe australis*) was found 42 times each on lemons and oranges from Argentina and Brazil, twice on Mandarin orange from Brazil, once each on grapefruit and lime from Brazil, and 9 times on *Citrus* spp. from Argentina and Brazil. Canker "B", a disease similar to citrus canker, was intercepted 4 times on lemons from Argentina.

The fungus, *Aphanomyces raphani*, was intercepted on radishes in baggage and cargo from Mexico. From the same country came *Cercospora oryzae* intercepted

on rice carried in baggage. A rust of considerable importance, *Chrysomyxa rhododendri*, was brought into this country on 7 different occasions. Three interceptions were made in mail and baggage from Austria, while two each were made in baggage from Switzerland and Germany. This disease is considered a possible threat, not only to certain rhododendrons, but also to the alternate hosts which are members of the genus *Picea*. Another rust of possible importance, *Gymnosporangium haraeae*, was intercepted on flowering quince in baggage from Japan. The alternate hosts of this rust are species of the genus *Juniperus*. Also of potential importance as a coniferous disease was *Cercospora pini-densiflora* arriving with a cargo of *Pinus massoniana* from China.

Other organisms of importance were a leaf spot, *Cercospora handelii*, on rhododendron from Belgium and the Netherlands; a fruit- and leaf-spotting fungus *C. lythracearum*, on pomegranate from Mexico and Puerto Rico; a smut *Entyloma oryzae*, on rice straw from Mexico; *Helminthosporium oryzae*, causing brown spot of rice, from Cuba, Greece, and Mexico; a rust, *Maravalia hyalospora* on *Acacia confusa* from China; a rust, *Melampsoridium betulinum*, on birch from Finland; *Mystrosporium adustum*, known as the ink spot fungus, on netted iris bulbs from the Netherlands; the citrus black spot (*Phoma citricarpa*) on various species of *Citrus* from American Samoa, Australia, China, and Japan, on Mandarin orange from Australia, China, and Japan, and on sweet orange from Australia, Argentina, Brazil, China, Japan, the Philippines, Straits Settlements, Tasmania and the Union of South Africa; a smut, *Urocystis colchici*, on *Colchicum* sp. from the Netherlands; a smut, *C. gladiolicola*, on gladiolus from the Netherlands; and a rust *Uromyces holwayi*, on Columbia lily from British Columbia. Certain sclerotia forms of fungi were intercepted including *Sclerotinia bulborum* on fritillary from the Netherlands, *S. minor* on endive from Belgium, and *Sclerotium cepivorum* on garlic from Italy.

Nematodes are becoming increasingly important as plant pests. This is the second year that the golden nematode (*Heterodera rostochiensis*) has been intercepted. The year's total of 82 interceptions came from soil with vegetables in ships' stores and in soil with plant material imported for propagation. The countries from which this very serious potato and tomato pest of Europe arrived were Argentina, Denmark, England, France, Germany, Ireland, the Netherlands, Northern Ireland, Poland, Scotland, Sweden, and Wales. Other nematodes of possible concern reported during the year were: *Aphelenchoides ribes* (?) in soil with lavender plant from England; *A. subtenuis* in orchid iris from the Netherlands and in paper-white narcissus from Italy; *Ditylenchus dipsaci* in summer hyacinth (*Gallionia candicans*) from the Netherlands; *Heterodera avenae* in soil with fig cuttings from Italy; *Meloidogyne arenaria* in begonia tuber from Belgium; *Tylenchus allii* in garlic from Mexico and Spain; and *T. filiformis* in soil with *Artemisia* sp., *Dianthus* sp., and *Sedum* sp. from Italy.

INCOMPLETELY DETERMINED PESTS

Frequently inspectors find insects or pathogens affecting plant material in such a stage or condition that complete and accurate determination is impracticable or impossible. Some of these insects and pathogens are without doubt new to science and may be destructive pests. The notes below are given to show the general nature of such incompletely determined interceptions.

INSECTS

Among the incompletely determined insects intercepted were the following fruit flies: *Anastrepha* sp., probably *ludens*, at Laredo, Tex., and San Antonio, Tex., in mango in baggage from Mexico, at Brownsville, Tex., in avocado in baggage from Mexico, and at Laredo, Tex., in pear in baggage from Mexico; *Anastrepha* sp., probably *mombinpraeoptans*, at Mobile, Ala., in mango in stores from Haiti and in mango in quarters from Trinidad, at Houston, Tex., in mango in baggage from the Canal Zone, and at New York, N. Y., in mango in baggage from Puerto Rico; *Anastrepha* sp. at Miami, Fla., in *Annona* sp. in baggage from Peru, at Laredo, Tex., in apricot in baggage from Mexico, at Miami, Fla., in cherimoya in baggage from Colombia, at Galveston, Tex., in grapefruit in stores from British Honduras, at New York, N. Y., in grapefruit in stores from Brazil, at Miami, Fla., in guava in baggage from Cuba, at New York, N. Y., in guava in baggage from the British West Indies, at El Paso, Tex., in mamey in baggage from Mexico, at Calexico, Calif., in mango in express from Mexico, at Miami,

Fla., in mango in baggage from Colombia, Dominican Republic, and Nicaragua, at Brownsville, Tex., in mango in baggage from Mexico, at San Pedro, Calif., in mango in baggage from Salvador, at Laredo, Tex., in mango in baggage from Mexico, at New York, N. Y., in mango in quarters from Panama and in mango in baggage from Trinidad, at San Juan, P. R., in mango in baggage from the Dominican Republic, at New York, N. Y., in *Spondias* sp. in mail from Puerto Rico, at Hidalgo, Tex., in orange in baggage from Mexico, at Laredo, Tex., in orange in baggage from Mexico, at New York, N. Y., in orange in stores from Brazil, at Laredo, Tex., in pear and quince in baggage from Mexico, at New York, N. Y., in sapodilla and yellow mombin in baggage from Venezuela, at Miami, Fla., in souari nut in baggage from Colombia; two pupae of *Anastrepha* sp. at Laredo, Tex., on the floor of a refrigerator car from Mexico; probably *Anastrepha* sp. at Hidalgo, Tex., in quince in baggage from Mexico; *Dacus* sp., probably *D. orsalis*, at Seattle, Wash., in tomatoes in stores from Hawaii; *Dacus* sp. at Boston, Mass., in squash in stores from the Union of South Africa, and at Honolulu, Hawaii in mango in stores from the Philippines; probably *Dacus* sp., not *cucurbitae*, at New York, N. Y., in melon in stores of an airplane arriving from Iraq, Syria, Turkey, Italy, Germany, Belgium, England, and Ireland; probably *Dacus* sp. at Boston, Mass., in pumpkin in stores from the Union of South Africa; *Rhagoletis* sp., probably *cerasi*, at Chicago, Ill., in cherry in baggage from Egypt; *Rhagoletis* sp. at Galveston, Tex., in apple in stores from Mexico and at Laredo, Tex., in apple in baggage from Mexico, at New York, N. Y., in quince in baggage from Italy, at Laredo, Tex., in *Crataegus* sp. in baggage from Mexico; probably species of *Rhagoletis* at Boston, Mass., in peach in stores from Portugal. Seventy-four interceptions which could not be identified beyond family (Tephritidae) were taken at Baltimore, Md., in grapefruit and orange in stores from Brazil, at Boston, Mass., in cherimoya in baggage from Israel, in apple and guava in baggage from Portugal, in orange and tangerine in stores from Portugal, in orange and plum in baggage from the Azores, in apple in stores from France, in banana in stores from India, in Japanese persimmon in baggage from Italy, and in tangerine in quarters from Lebanon, at Galveston, Tex., in apple in stores from Mexico and Portugal, at Honolulu, Hawaii, in coconut and in natal plum *carissa* in mail from Hawaii, in apple in stores from Australia, in grapefruit in stores from New Zealand (?), and in peach in stores on an airplane from Fiji and Australia, at Laredo, Tex., in apple, orange, pear, quince, and walnut in baggage from Mexico, at the National Airport, Arlington, Va., in orange in stores from unknown origin, at New Orleans, La., in orange in stores from Brazil, at Newport News, Va., in orange in stores from Brazil, at New York, N. Y., in avocado in baggage from the Gold Coast, in apple in stores from the Azores, in fig in baggage from Argentina, in grape in baggage from Lebanon, in grapefruit and orange in stores from Brazil, in medlar in cargo from Italy, in orange in baggage from Spain, in pear in baggage from Italy, in pear in stores from France and Portugal, in pear in stores from unknown origin (fruit was loaded at Gander, Canada), and in persimmon in baggage from Italy, at Norfolk, Va., in grapefruit in stores from Egypt, at Philadelphia, Pa., in grapefruit in stores from Cyprus, in orange in quarters from Israel, in pepper in stores from the Gold Coast, at San Diego, Calif., in avocado in stores from Hawaii, at San Francisco, Calif., in avocado, banana, coffee berries, mango, and papaya in baggage from Hawaii, in avocado and mango in stores from Hawaii, and in mango in stores from Tahiti, at San Juan, P. R., in guava in baggage in preflight inspection of an airplane leaving Puerto Rico for the mainland, at San Pedro, Calif., in lychee fruit in baggage from Hawaii, in mango in baggage from Salvador, and in tomato in stores from the Philippines; tephritid (?) at Boston, Mass., in the flowers of *Leucospermum nutans* in baggage from the Union of South Africa, at Honolulu, Hawaii in *Citrus aurantifolia* in baggage in preflight inspection of an airplane leaving Hawaii for the mainland, and at New York, N. Y., in fig in baggage from Italy.

The following miscellaneous insects of special interest were intercepted: Anleyrodid, *Aleyrodicus*, new genus and new species, at Brownsville, Tex., on *attleya citrina* in cargo from Mexico; *Aleurothrixus* sp. (Aleyrodidae), apparently undescribed, at Laredo, Tex., on orange leaf in baggage from Mexico; *Anthonus* sp. (Curculionidae) at Brownsville, Tex., on an orchid plant in cargo from Mexico; scarabaeid, *Ancylonycha* sp., at Seattle, Wash., in soil around a quince plant in baggage from Japan; *Aspidiotus* sp. (Coccidae), not placed as a described species, at Miami, Fla., on seed of *Dalbergia* sp. in cargo from Netherlands Guiana; a scarabaeid, *Autoserica* sp., in soil around a quince plant in baggage from Japan; *blastodacna* sp. (Blastodacnidae) on an apple in stores from the Netherlands;

Bruchidius sp., probably *incarnatus* (Boh.) (Bruchidae), a serious pest of cultivated legumes, at New Orleans, La., in vetch seed in cargo from Syria; *Callosobruchus* sp. (Bruchidae) at Washington, D. C., in pigeonpea in mail from India; a curculionid, *Cleonus* sp., at Baltimore, Md., in beet in stores from Portugal and at El Paso, Tex., in turnip in cargo from Mexico; *Conotrachelus* sp. (Curculionidae) at Galveston, Tex., and New York, N. Y., in beet in stores from Peru; an elaterid *Dalopius* sp., probably *marginatus* L., at Hoboken, N. J., with heather roots in mail from England, with a plant of *Rhododendron indicum* in cargo from Belgium and at New York, N. Y., in soil with unidentified plants in baggage from Sweden; *Diaspis* sp. (Coccidae), apparently undescribed, at Brownsville, Tex., on avocado in baggage and stores from Mexico; *Eosilla* sp., probably *jacobsoni* Rib., (Psoquilidae), a very destructive species, at San Diego, Calif., under nut cap of coconut in mail from American Samoa; a gelechiid, probably *Gnorimoschema*, an unknown species, but not *operculella* (Zell.) or *plaesiosema* (Turner), which are usually associated with potatoes, at Seattle, Wash., in potato in stores from Peru; *Graphognathus* sp. (Curculionidae) at New York, N. Y., in potato in stores from Argentina; a scolytid, *Ips* sp., probably *typographus* (L.), at Houston, Tex., in pine strips around bales of peat moss in cargo from Germany; *Listroderes* sp. (Curculionidae), not like any species now established in the United States, with plums in cargo from Chile; a curculionid, *Lixus* sp., at Boston, Mass., in beet in stores from Egypt; *Lyonetia* sp., probably *prunifoliella* (Hbn.) (Lyonetiidae) at Boston, Mass., in apple leaf in baggage from Lebanon; a phalaenid, *Naranga* sp., probably *brunnea* Hampson, at Honolulu, Hawaii, in rice straw in mail from Japan; *Nassophasis* sp. (Curculionidae) at Hoboken, N. J., in the pseudobulb of the orchid *Coelogyne ocellata* in mail from India; a scolytid, *Orthotomicus* sp., probably *laricis* (F.), at New Orleans, La., in pine strips around bales of cork in cargo from Portugal; a pentatomid, new genus, new species near *Piezodorus*, at Laredo, Tex., on Bromeliad plant in baggage from Mexico; a curculionid, *Phyllobius* sp., at Seattle, Wash., in soil around a dwarf juniper tree in baggage from Japan; *Phyllodecta* sp., probably *utgatissima* (L.) (Chrysomelidae), said to attack poplars and willows, at New York, N. Y., with *Tritonia* sp., bulbs in cargo from the Netherlands; *Pilophorus* sp., probably *clavatus* (L.) (Miridae) at New York, N. Y., on an apple in baggage from Italy; *Priophorus* sp., probably *padi* (L.) (Tenthredinidae) at Hoboken, N. J., on *Tilia cordata* in cargo from the Netherlands; a phalaenid, *Prodenia* sp., probably *litura* (F.), at Boston, Mass., on cabbage in stores from Egypt; *Rhynchites* sp. (Curculionidae) at Boston, Mass., in cherries from Portugal and at New York, N. Y., in cherries in stores from France; a bruchid, *Zabrotes* sp., new and probably undescribed, at Portland, Oreg., in seed of *Cassia grandis* in mail from Brazil.

There were 3,908 interceptions distributed among 778 genera, which could be identified to genus only. A total of 219 could be determined to family or subfamily only.

A total of 4,127 incompletely determined insects were intercepted during the year.

DISEASES

Among incompletely determined plant disease fungi collected at the ports of entry during the year were the following suspected pathogens: An Actinomyces causing stem galls of rhododendron from England; *Ascochyta* sp. on *Cordana anomala* leaf from China; *Cercospora* sp. on cactus from Mexico; *Cercospora* sp. on fern from Guam; *Cercospora* sp. on palm leaf from Mexico; *Coleosporium* sp. on Scotch pine from Germany; *Elsinoe* sp. on rhododendron from the Netherlands; leprosis on sweet orange from Brazil and on *Citrus* sp., probably *sinensis*, from Mexico; *Mycosphaerella* sp. on *Metasequoia glyptostroboides* needles from China; *Phomopsis* sp. on mint from India; *Phyllosticta* sp. on *Metasequoia glyptostroboides* needles from China; *Pseudomonas* sp. on endive from Belgium; *Sclerotium* sp. on *Crocus zonatus*, *Galanthus nivalis plenus*, *Leucojum* sp., *Muscari* sp., and *Narcissus* sp. from the Netherlands, on garlic from the Madeira Islands, on *Galanthus* sp. from Switzerland and Turkey, and on *Narcissus* sp. from France and Italy; *Septoria* sp. on *Anthurium* sp. from Belgium and on lemon from Italy; *Uredo* sp. on leek from England; *Verticillium* sp. on betel palm from Guam, on begonia tuber from the Netherlands, and on pumpkin from Brazil.

Nematode interceptions worthy of mention were: *Aphelenchoides* sp. (undescribed) in corms of colchicum "Lilac Wonder" from the Netherlands; a very interesting new genus and species of the family Aphelenchidae found with sour lime from Mexico; *Helicotylenchus* sp. in soil with the following: Greenhouse plants from England, herbaceous perennials from Germany, English ivy, primula, *Prunus* sp., rose, and Virginia creeper from England; carnation and boxwood from France, carnation cuttings from Italy; *Pratylenchus* sp. (undescribed) in soil with *Begonia* sp., *Artemisia* sp., *Dianthus* sp., *Sedum* sp. from Italy; and *Tylencholaimus* sp. in gladiolus corms from France.

A total of 684 incompletely determined pathogens were recorded during the year.

Geographic summary of interceptions listed in main table and interception totals

Country	Insect	Disease	Country	Insect	Disease
	Number	Number		Number	Number
Africa:			Europe—Continued		
Algeria.....	3	1	Denmark.....	6	5
Angola.....	1	0	England.....	60	60
Belgian Congo.....	1	0	Finland.....	4	2
Canary Islands.....	1	1	France.....	67	14
Egypt.....	20	1	Germany.....	38	25
French Cameroons.....	2	0	Greece.....	24	1
French Guinea.....	0	1	Ireland.....	7	21
French West Africa.....	2	0	Italy.....	403	79
Gold Coast.....	9	2	Malta.....	1	0
Madeira Islands.....	14	0	Netherlands.....	60	135
Morocco.....	1	0	Northern Ireland.....	1	5
Nigeria.....	2	0	Norway.....	10	3
Rhodesia.....	1	0	Poland.....	2	2
Transvaal.....	1	0	Portugal.....	87	1
Tripoli.....	1	0	Scotland.....	13	10
Tunisia.....	2	0	Spain.....	23	3
Union of South Africa.....	22	6	Sweden.....	25	3
Asia:			Switzerland.....	10	3
China.....	17	268	Turkey.....	15	2
Cyprus.....	11	1	Wales.....	0	1
Formosa.....	1	0	Yugoslavia.....	2	2
India.....	36	21	North America:		
Iraq.....	0	1	Bermuda.....	43	3
Israel.....	5	0	Canada.....	7	5
Japan.....	87	130	British Columbia.....	2	1
Korea.....	4	0	Central America:		
Lebanon.....	13	2	Canal Zone.....	73	9
Malaysia.....	1	0	Costa Rica.....	44	43
Pakistan.....	1	1	Guatemala.....	39	25
Saudi Arabia.....	3	1	Honduras.....	21	16
Siam.....	5	2	Nicaragua.....	16	1
Straits Settlements.....	2	2	Panama.....	43	36
Syria.....	26	0	Salvador.....	14	0
Australasia:			Mexico.....	905	185
American Samoa.....	2	1	West Indies:		
Australia.....	25	21	American Virgin Islands.....	2	0
Batavia.....	1	0	Antigua.....	4	0
Canton Island.....	1	0	Aruba.....	3	0
Ceylon.....	0	1	Bahamas.....	8	0
Fiji Islands.....	0	1	Barbados.....	9	0
Guam.....	13	2	British West Indies.....	5	1
Hawaii.....	180	2	Cuba.....	102	29
Kwajalein.....	2	0	Dominica.....	2	0
Midway Island.....	1	0	Dominican Republic.....	20	4
Netherlands East Indies.....	3	0	Grenada.....	0	1
New Zealand.....	1	2	Haiti.....	17	2
Palau Island.....	1	1	Jamaica.....	26	0
Philippines.....	49	9	Martinique.....	1	1
Saipan.....	7	0	Montserrat.....	1	0
South Pacific.....	1	0	Netherlands West Indies.....	1	0
Tasmania.....	0	2	Nevis.....	1	0
Europe:			Puerto Rico.....	161	16
Austria.....	2	6	St. Kitts.....	5	0
Azores.....	26	1	St. Lucia.....	1	0
Belgium.....	20	31	St. Vincent.....	2	0
Bulgaria.....	1	0	Tahiti.....	2	1
Corsica (?).....	1	0	Trinidad.....	26	0
Czechoslovakia.....	4	1	Virgin Islands.....	4	0

Geographic summary of interceptions listed in main table and interception totals—Con.

Country	Insect	Disease	Country	Insect	Disease
South America:	<i>Number</i>	<i>Number</i>	Total—Continued	<i>Number</i>	<i>Number</i>
Argentina.....	19	36	Europe.....	912	416
Brazil.....	61	74	North America.....	1,612	379
British Guiana.....	4	0	South America.....	179	138
Chile.....	7	0	Unknown.....	16	2
Colombia.....	25	17	Total.....	3,301	1,418
Ecuador.....	11	8	Total incompletely deter-		
Galapagos Islands.....	1	0	mined pests, pp. 6-8.....	4,127	684
Peru.....	5	2	Total insect interceptions.....	7,428	2,102
South America.....	1	0	Total disease interceptions.....		
Venezuela.....	45	1	Grand total.....		9,530
Total:					
Africa.....	83	12			
Asia.....	212	429			
Australasia.....	287	42			

NOTE.—In addition to the countries named above, interceptions were made from Armenia, British Cameroons, British Honduras, Cape Verde Islands, Curacao, Ethiopia, French Guiana, Guadalcanal, Hungary, Iran, Java, Johnston Island, Kenya, Liberia, Luxembourg, Mozambique, Netherlands Guiana, Newfoundland, Oceania, Orient, Pretoria, Sierra Leone, Solomon Islands, Transjordan, Trieste, Uruguay, Wake Island (?), Wales, and West Africa.

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Insect and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagations	
<i>Acalypta parvula</i> (Fall.) (Tingidae):					
<i>Calluna vulgaris</i> (heather)	Scotland.....			2	N. J., N. Y.
<i>Acanthoscelides armigatus</i> (Pic) (Bruchidae):					
Bamboo.....	Haiti.....	1			P. R.
Bean.....	St. Lucia.....			1	N. J.
<i>Cajanus cajan</i> (pigeonpea).....	American Virgin Islands, British West Indies, Canal Zone, Panama, Puerto Rico, Trinidad.....	19		4	N. J., N. Y.
<i>Cajanus</i> sp.....	Canal Zone.....	1			N. J.
Woods moss.....	Belgium.....			1	N. J.
<i>Acanthoscelides spinipes</i> (Er.) (Bruchidae):					
<i>Acacia farnesiana</i> (sweet acacia).....	France, Greece, Italy, Turkey.....			5	D. C., Mich., N. J., N. Y.
<i>Acacia</i> sp.....	Greece.....			1	N. J.
<i>Achatina fulica</i> (Fer.) (Mollusca):					
<i>Dendrobium</i> sp. (orchid).....	Palau Island.....			1	Hawaii.*
Returned military equipment.....	Guam, Saipan.....	8			Calif.*, La., Md.
<i>Acrolepis assectella</i> (Zell.) (Hyponomeutidae):					
<i>Allium porrum</i> (leek).....	Netherlands.....		2		N. Y.
Soil with celery.....	France.....		1		Va.
<i>Acroleucus vicinialis</i> Dist. (Lygaeidae):					
Orchid.....	Mexico.....			1	Tex.
<i>Acronicta tridens</i> (Schiff.) (Phalaenidae):					
<i>Crataegus</i> sp.....	Japan.....			1	Wash.
<i>Acrosternum armiger</i> (Stal) (Pentatomidae):					
<i>Medicago sativa</i> (alfalfa).....	Argentina.....	1			Tex.
<i>Adela viridella</i> (Scop.) (Adelidae):					
Soil and woods moss.....	France.....			1	N. J.
<i>Adleria gallae-tinctoriae</i> (Ol.) (Cynipidae):					
Gallnut.....	Syria.....	1			N. J.
<i>Adoretus sinicus</i> Burm. (Scarabaeidae):					
Baggage.....	Hawaii.....	1			Hawaii.
<i>Adrasius limbatus</i> F. (Elateridae):					
<i>Brassica rapa</i> (turnip).....	England.....		1		Va.
<i>Agalliana ensigera</i> Oman (Cicadellidae):					
<i>Medicago sativa</i> (alfalfa).....	Argentina.....	1			Tex.

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		Consumption	Nonentry	Propagation	
<i>Aglossa cuprealis</i> (Hbn.) (Pyralidae):					
<i>Allium sativum</i> (garlic)	Italy	1			N. Y.
<i>Lathyrus odoratus</i> (sweetpea)	Portugal			1	N. Y.
<i>Aleurocanthus woglumi</i> Ashby (Aleyrodidae):					
<i>Citrus aurantifolia</i> (sour lime)	Costa Rica, Mexico	13	1		Ariz., Calif. *
<i>Citrus aurantium</i> (sour orange)	Colombia	1			Tex.
<i>Citrus reticulata</i> (Mandarin orange)	Mexico	1			N. Y.
<i>Citrus sinensis</i> (orange)	do	4			Ariz.
<i>Citrus</i> sp.	Bahamas, Mexico, Nicaragua, Mexico	5			Ariz., Tex.
Plant					Calif., Fla. *, Tex.
<i>Aleuroglandulus emmae</i> Russell (Aleyrodidae):	Mexico			1	Tex.
Orchid	do			1	Tex.
<i>Aleurolobus olivinus</i> Silv. (Aleyrodidae):					
<i>Olea europaea</i> (olive)	Cyprus, Italy, Syria	3			N. Y.
<i>Aleuroparadoxus gardeniae</i> Russell (Aleyrodidae):					
<i>Gardenia augusta</i> (gardenia)	Mexico	5			Tex.
<i>Aleuroparadoxus ilicicola</i> Russell (Aleyrodidae):					
<i>Karwinskia humboldtiana</i>	do	1			Tex.
<i>Aleuroplatus ilicis</i> Russell (Aleyrodidae):					
<i>Ilex</i> sp. (holly)	do			1	Tex.
<i>Aleurothrixus floccosus</i> (Mask.) (Aleyrodidae):					
<i>Citrus aurantium</i> (sour orange)	Colombia	1			N. Y.
<i>Psidium guajava</i> (guava)	Jamaica, Mexico	3		1	Fla., Tex.
<i>Aleurothrixus myrtacei</i> Bondar (Aleyrodidae):					
<i>Gardenia augusta</i> (gardenia)	Mexico	1			Tex.
<i>Aleurotrachelus trachoides</i> (Back.) (Aleyrodidae):					
<i>Aphelandra sinclairiana</i>	Cuba			1	Fla.
<i>Capsicum frutescens</i> (pepper)	Panama			1	Ala.
Leaf	Cuba	1			Fla. *
<i>Aleyrodes spiraeoides</i> Q. (Aleyrodidae):					
<i>Sibiraea laevigata croatica</i>	British Columbia			1	N. J.
<i>Atlantus cinctus</i> (L.) (Tenthredinidae):					
<i>Cornus</i> sp.	Netherlands			1	N. J.
<i>Kerria japonica</i> (kerria)	do			2	N. J.
<i>Alpheias conspirata</i> Hein. (Galleriidae):					
<i>Ananas comosus</i> (pineapple)	Mexico	25			Calif., * Tex.
<i>Gossypium</i> sp. (cottonseed)	do		1		Tex.
<i>Amorbia emigratella</i> Busck (Tortricidae):					
<i>Cattleya</i> sp. (orchid)	Hawaii	1			Hawaii.
<i>Rosa</i> sp.	Mexico	1			Tex.
<i>Amorbia emigratella</i> Busck (?) (Tortricidae):					
<i>Odontoglossum</i> sp. (orchid)	Costa Rica			1	Fla.
<i>Vincentia angustifolia</i> (black sedge)	Hawaii	1			Hawaii.
<i>Anastrepha grandis</i> (Macq.) (Tephritidae):					
<i>Cucurbita maxima</i> (squash)	Brazil		1		Mass.
<i>Anastrepha ludens</i> (Loew) (Tephritidae):					
<i>Citrus aurantifolia</i> (sweet lime)	Mexico	8			Tex.
<i>Citrus aurantium</i> (sour orange)	do	1			Tex.
<i>Citrus paradisi</i> (grapefruit)	do	10	2		Tex.
<i>Citrus sinensis</i> (orange)	Guatemala, Mexico	93	21		Ala., Ariz., Fla. *, La., Md., N. Y., Tex.
<i>Mammea americana</i> (mamey)	Mexico	1			Tex.
<i>Mangifera indica</i> (mango)	Guatemala, Mexico	19	4		Ariz., Calif. *, Tex.
<i>Persea americana</i> (avocado)	Mexico	1			Tex.
<i>Prunus persica</i> (peach)	do	4			Tex.
<i>Pyrus communis</i> (pear)	do	2			Tex.
Sapote	do	2			Tex.
Refrigerator of trailer	do		1		Tex.
<i>Anastrepha ludens</i> (Loew) (?) (Tephritidae):					
<i>Citrus sinensis</i> (orange)	do	1			Tex.
<i>Malus sylvestris</i> (apple)	do	2			Tex.
<i>Mangifera indica</i> (mango)	do	1			Tex.
<i>Persea americana</i> (avocado)	do	1			Tex.
<i>Punica granatum</i> (pomegranate)	do	1			Tex.

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		Consumption	Nonentry	Propagation	
<i>Anastrepha mombinpraeoptans</i> Sein (Tephritidae):					
<i>Citrus sinensis</i> (orange).....	Brazil.....	110	2		N. Y.
<i>Mangifera indica</i> (mango).....	Costa Rica, Cuba, Dominican Republic, Guatemala, Haiti, Honduras, Jamaica, Mexico, Nicaragua, Panama, Puerto Rico, Salvador, Venezuela.	18			Ala., Calif.* Fla.* Md., Mass., N. Y., Pa., P. R., Tex.
<i>Spondias mombin</i> (yellow mombin).....	Guatemala, Mexico, Nicaragua, Puerto Rico, Salvador, Venezuela.	12			Calif.* N. Y., Tex.
<i>Spondias purpurea</i> (purple mombin).....	Mexico.....	1			Tex.
In bag containing guavas and <i>Spondias</i> spp.	Brazil.....	1			N. Y.
Suitcase shakeout.....	Nicaragua.....	1			Calif.*
<i>Anastrepha mombinpraeoptans</i> Sein (?) (Tephritidae):					
In bag containing guavas and yellow mombins.	Trinidad.....	1			N. Y.
<i>Mangifera indica</i> (mango).....	Canal Zone, Dominican Republic, Mexico, Nicaragua, Panama, Puerto Rico, Virgin Islands.	19	1		Calif.* Md., N. Y., Pa., P. R., Tex.
<i>Anastrepha serpentina</i> (Wied.) (Tephritidae):					
<i>Citrus reticulata</i> (Mandarin orange).....	Peru.....		1		Tex.
Sapote.....	Salvador.....	1			La.
<i>Anastrepha serpentina</i> (Wied.) (?) (Tephritidae):					
<i>Mammea americana</i> (mamey).....	Mexico.....	1			Tex.
<i>Anastrepha striata</i> Schiner (Tephritidae):					
<i>Psidium guajava</i> (guava).....	Dominican Republic, Mexico.	3			Ala., Tex.
<i>Anastrepha striata</i> Schiner (?) (Tephritidae):					
<i>Psidium guajava</i> (guava).....	Ecuador, Trinidad.....	2			Calif.* N. Y.
<i>Anastrepha suspensa</i> (Loew) (Tephritidae):					
<i>Prunus amygdalus amara</i> (bitter almond).....	Puerto Rico.....	1			P. R.
<i>Psidium guajava</i> (guava).....	Cuba, Puerto Rico.....	29			Fla.* N. Y., P. R.
<i>Anastrepha suspensa</i> (Loew) (?) (Tephritidae):					
<i>Psidium guajava</i> (guava).....	Puerto Rico.....	5			N. Y.
<i>Ancylostomia stercorea</i> (Zell.) (Phycitidae):					
<i>Cajanus cajan</i> (pigeonpea).....	Brazil, British Guiana, Haiti, Puerto Rico.	20			Md., N. Y., P. R.
<i>Pisum sativum</i> (pea).....	Canal Zone.....	1			Wash.
<i>Anomala orientalis</i> Wath. (?) (Scarabaeidae):					
Soil around juniper.....	Japan.....			1	Wash.
<i>Antestia variegata lineaticollis</i> (Stal) (Pentatomidae):					
<i>Erica</i> spp.....	Union of South Africa.....	1			N. J.
<i>Protea</i> spp.....	do.....	1			N. J.
<i>Anthomyza cursor</i> (Kieff.) (Anthomyzidae):					
<i>Medicago sativa</i> (alfalfa).....	Argentina.....	1			Tex.
<i>Anthonomus rectirostris</i> L. (Curculionidae):					
<i>Prunus avium</i> (mazzard cherry).....	Germany.....		1		N. J.
<i>Prunus padus</i> (European bird cherry).....	Austria.....		1		N. J.
<i>Antilocoris punctatus</i> (Dist.) (Lygaeidae):					
Orchid.....	Mexico.....			1	Tex.
<i>Antonina sasae</i> Shiraiwa (Coccidae):					
<i>Sasa kurilensis</i> (bamboo).....	Japan.....			1	D. C.
<i>Anuraphis cynariella</i> (Theob.) (Aphidae):					
<i>Cynara scolymus</i> (globe artichoke).....	Italy.....	2			N. Y.
<i>Anuraphis helichrysi</i> (Kltb.) (Aphidae):					
<i>Antirrhinum majus</i> (snapdragon).....	Haiti.....	1			P. R.
<i>Callistephus chinensis</i> (China aster).....	Madeira Islands.....	1			Pa.
<i>Chrysanthemum maximum</i> (Pyrenees chrysanthemum).....	England.....			1	N. J.
<i>Chrysanthemum</i> sp.....	England, Netherlands.....	1		11	N. J., N. Y.

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<i>Anuraphis helichrysi</i> (Kltb.) (Aphidae)—Con.					
Daisy	Italy	1		1	N. Y.
<i>Dianthus</i> sp. (carnation)	do	2			N. Y.
<i>Gerbera</i> sp.	Bermuda	1			N. Y.
<i>Mertensia</i> sp. (bluebells)	England			1	N. J.
<i>Myosotis</i> sp. (forgetmenot)	Sweden	1			N. Y.
<i>Papaver</i> sp.	England			1	N. J.
<i>Aonidiella citrina</i> (Coq.) (Coccidae):					
<i>Citrus limon</i> (lemon)	Japan		1		Calif.*
<i>Aonidiella inornata</i> McKenzie (Coccidae):					
<i>Cocos nucifera</i> (coconut)	Guam, Philippines	3			Calif.*
<i>Aphis grossulariae</i> Kltb. (?) (Aphidae):					
<i>Ribes</i> sp. (currant)	Ireland			1	N. Y.
<i>Apion carduorum</i> Kby. (Curculionidae):					
<i>Cynara scolymus</i> (globe artichoke)	France		3		Pa.
<i>Apion carduorum</i> Kby. (?) (Curculionidae):					
<i>Cynara scolymus</i> (globe artichoke)	Italy		1		Va.
<i>Apion carduorum</i> Kby. var. (Curculionidae):					
<i>Cynara scolymus</i> (globe artichoke)	France			1	Pa.
<i>Apion pomonae</i> F. (Curculionidae):					
<i>Vicia</i> sp. (vetch)	Azores	1			Mass.
<i>Araecerus vieillardii</i> Montr. (Anthribidae):					
<i>Ipomoea tuberosa</i> (wood rose)	Hawaii	1			Hawaii.
<i>Arctothelia cataphracta</i> (Shaw) (Coccidae):					
<i>Calluna vulgaris</i> (heather)	England			1	Ill.
<i>Lilium</i> sp. (lily)	Scotland			1	N. J.
Woods moss	Ireland			1	N. J.
<i>Argyresthia conjugella</i> (Zell.) (Hyponomeutidae):					
<i>Malus sylvestris</i> (apple)	Finland, Norway, Sweden.	8			N. Y.
<i>Argyroplote leucotreta</i> Meyr. (Olethreutidae):					
<i>Citrus sinensis</i> (orange)	Union of South Africa	1	1		N. Y., Pa.
<i>Aspidiotus britannicus</i> Newst. (Coccidae):					
<i>Laurus nobilis</i> (Grecian laurel)	England		1		N. Y.
<i>Ruscus aculeatus</i> (butchersbroom)	Italy			1	Calif.*
<i>Aspidiotus coryphae</i> Kll. & Rob. (Coccidae):					
<i>Cocos nucifera</i> (coconut)	Philippines	2	6		Calif.*
<i>Aspidiotus cryptomeriae</i> Kuw. (Coccidae):					
<i>Abies</i> sp. (fir)	Japan		1		Wash.
<i>Aspidiotus degeneratus</i> (Leon) (Coccidae):					
<i>Gardenia</i> spp.	Philippines	1			Calif.*
<i>Aspidiotus destructor</i> Sign. (Coccidae):					
<i>Annona squamosa</i> (sugar apple)	Cuba		1		Fla.*
<i>Cocos nucifera</i> (coconut)	Canal Zone, Costa Rica, Ecuador, Mexico, Panama, Philippines.	31	1		Calif., Tex.
Orchid	Canal Zone			1	Fla.
<i>Persea americana</i> (avocado)	Haiti			1	Fla.
<i>Aspidiotus diffinis</i> Newst. (Coccidae):					
<i>Persea americana</i> (avocado)	Mexico			1	Tex.
<i>Philodendron</i> sp.	Costa Rica			1	Fla.
<i>Aspidiotus excisus</i> Green (Coccidae):					
<i>Cocos nucifera</i> (coconut)	Philippines	1			Calif.*
<i>Lonicera</i> sp.	Trinidad			2	Ala.
<i>Aspidiotus herculeanus</i> Kll. & Hadd. (Coccidae):					
<i>Bursera simaruba</i> (?)	Dominican Republic	1			Fla.*
<i>Plumeria</i> sp.	Hawaii			3	Calif.*
<i>Spondias cytherea</i> (golden-apple)	Puerto Rico	1			N. Y.
<i>Spondias mombin</i> (yellow mombin)	do	1			N. Y.
<i>Aspidiotus palmarum</i> Kll. (Coccidae):					
<i>Citrus paradisi</i> (grapefruit)	Panama		1		Calif.*
<i>Laurus nobilis</i> (Grecian laurel)	Brazil		1		Fla.*
Leaf	Philippines	1			Hawaii.
Leguminosae	Saipan	1			Hawaii.
<i>Aspidiotus pangoensis</i> Doane & Ferris (Coccidae):					
<i>Cocos nucifera</i> (coconut)	Tutuila Island	2			Calif.*
<i>Aspidiotus spiniger</i> Ldgr. (Coccidae):					
<i>Strophanthus glaber</i>	French Cameroons			1	D. C.
<i>Strophanthus</i> sp.	do			1	D. C.

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<i>Aspidiotus spinosus</i> Comst. (Coccidae):					
<i>Areca cathecu</i> (betel palm)	Philippines	1			Hawaii.
<i>Astrocaryum confertum</i>	Honduras			1	D. C.
<i>Carica papaya</i> (papaya)	Mexico	1			Calif.*
<i>Cocos nucifera</i> (coconut)	do		1		Calif.*
<i>Diospyros</i> sp. (persimmon)	Italy		1		N. Y.
<i>Aspidiotus zonatus</i> Frauent. (Coccidae):					
<i>Ceratonia siliqua</i> (carob)	Tunisia			1	D. C.
<i>Ficus carica</i> (fig)	Italy			1	N. Y.
<i>Asterolecanium bambusae</i> (Bdv.) (Coccidae):					
Bamboo	Mexico	1		1	Calif., Tex.
<i>Asterolecanium epidendri</i> (Bouche) (Coccidae):					
Bromeliad	Colombia			1	Fla.
<i>Cattleya</i> sp. (orchid)	Brazil			1	Calif.*
<i>Epidendrum</i> sp. (orchid)	Cuba			1	Fla.
<i>Laelia purpurata</i> (orchid)	Brazil			1	N. J.
<i>Oncidium crispum</i> (orchid)	Colombia			1	Calif.*
<i>Oncidium</i> sp.	do			1	Calif.*
Orchid	Brazil, Costa Rica, Jamaica, Venezuela.			9	Fla., N. J.
<i>Asterolecanium pustulans</i> Ckll. (Coccidae):					
<i>Heliotropium</i> sp. (heliotrope)	Panama			1	N. J.
<i>Jasminum sambac</i> (?)	Mexico		1		Calif.*
<i>Asterolecanium stentae</i> Brain (Coccidae):					
<i>Caralluma piaranthoides</i>	Rhodesia			1	Calif.*
<i>Astyochus setiger</i> Bates (Cerambycidae):					
<i>Guajacum officinale</i> (lignum vitae)	Guatemala	1			N. Y.
<i>Attagenus gloriosae</i> (F.) (Dermestidae):					
<i>Linum</i> sp. (flax)	Mexico	1			Ariz.
<i>Aulacaspis tubercularis</i> Newst. (Coccidae):					
<i>Mangifera indica</i> (mango)	Cuba, Dominica, Salvador.	3			Calif.* Mass., N. Y.
<i>Automeris randa</i> Druce (Saturniidae):					
Orchid	Mexico			1	Tex.
<i>Bostrychophytes cornutus</i> (Oliv.) (Bostrichidae):					
Wood crate	Gold Coast	1			Va.
<i>Brachyacma palpigera</i> (Wlsm.) (Gelechiidae):					
<i>Cajanus cajan</i> (pigeonpea)	Puerto Rico	1			P. R.
<i>Brachymerus albidentatus</i> Gyll. (Curculionidae):					
<i>Allium sativum</i> (garlic)	Italy	15	1		N. Y., Pa.
<i>Brachymerus algerius</i> (F.) (Curculionidae):	do	3			Mich., N. Y.
<i>Brachymerus ovatus</i> (L.) (Curculionidae):					
<i>Calluna vulgaris</i> (heather)	Canada			1	Wash.
<i>Dianthus</i> sp. (carnation)	Denmark			1	N. Y.
<i>Rubus</i> sp.	Canada			1	N. J.
<i>Brachymerus sulcatus</i> (F.) (Curculionidae):					
Burlap around rhododendron plant	Netherlands			1	N. J.
<i>Bradybaena similis</i> (Fer.) (Mollusca):					
<i>Dianthus</i> sp. (carnation) & snapdragons	Bermuda	1			Va.
<i>Lonas annua</i> (African daisy)	do			1	N. Y.
<i>Pelargonium</i> sp. (geranium)	do			1	N. Y.
<i>Phaseolus vulgaris</i>	do			1	Pa.
<i>Brochymena aculeata</i> Dist. (Pentatomidae):					
<i>Lycopersicon esculentum</i> (tomato)	Mexico	1			Tex.
<i>Bruchidius aurivillii</i> (Blanc) (Bruchidae):					
<i>Acacia farnesiana</i> (sweet acacia)	France			1	N. J.
<i>Bruchidius gibbus</i> (Gyll.) (Bruchidae):					
<i>Desmodium</i> sp.	Italy			1	Fla.
<i>Hedysarum coronarium</i>	do			1	N. Y.
<i>Bruchidius incarnatus</i> Boh. (Bruchidae):					
<i>Lens culinaris</i> (lentil)	Egypt	1			N. Y.
<i>Vicia faba</i> (broadbean)	Egypt, Lebanon	5		1	Md., Mass., N. Y.
<i>Vicia</i> sp.	Egypt	1			N. Y.
<i>Bruchidius lividimonus</i> (Gyll.) var. (Bruchidae):					
<i>Cytisus scoparius</i> (Scotch broom)	Italy			1	N. J.

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<i>Bruchidius quinqueguttatus</i> (Oliv.) (Bruchidae):					
<i>Vicia lutea</i> (yellow vetch)	Turkey			1	D. C.
<i>Vicia sativa</i> (vetch)	Syria			1	D. C.
<i>Bruchus atomarius</i> L. (Bruchidae):					
<i>Vicia faba</i> (broadbean)	Netherlands			1	D. C.
<i>Bruchus azoricus</i> Cr. (Bruchidae):					
<i>Vicia</i> sp.	Azores			1	Mass.
<i>Bruchus brachialis</i> Fahr. (Bruchidae):					
<i>Vicia villosa</i> (hairy vetch)	Turkey			1	D. C.
<i>Bruchus dentipes</i> Baudi (Bruchidae):					
<i>Vicia faba</i> (broadbean)	Cyprus, Lebanon, Syria	5		2	Mass., N. J., N. Y.
<i>Vicia sativa</i> (vetch)	Syria			1	D. C.
<i>Vicia</i> sp.	Syria, Turkey	1		2	La., N. J., Oreg.
<i>Bruchus emarginatus</i> Allard (Bruchidae):					
<i>Pisum sativum</i> (pea)	India			2	D. C.
<i>Bruchus erri</i> Froel. (Bruchidae):					
<i>Lens culinaris</i> (lentil)	Ireland, Italy, Syria, Turkey	8		3	D. C., N. Y.
<i>Lens</i> sp.	Syria			1	N. J.
<i>Vicia sativa</i> (vetch)	do			1	La.
<i>Bruchus guttalis</i> Rey. (Bruchidae):					
<i>Vicia sativa</i> (vetch)	Azores	2			Mass.
<i>Vicia</i> sp.	Azores, Italy	3			Mass., N. Y.
<i>Bruchus hamatus</i> Mill. (Bruchidae):					
<i>Vicia sativa</i> (vetch)	Turkey			1	N. J.
<i>Vicia</i> sp.	do			1	N. J.
<i>Bruchus lentis</i> Froel. (Bruchidae):					
<i>Lens culinaris</i> (lentil)	Germany, Ireland, Italy	7		1	D. C., N. Y.
<i>Bruchus luteicornis</i> Ill. (Bruchidae):					
Grass packing	France			1	N. J.
<i>Vicia sativa</i> (vetch)	France, Poland	3	1		Ala., La., N. Y., Tex.
<i>Vicia</i> sp.	Azores, France, Ger- many, Italy, Portugal	6	1	1	Md., Mass., N. J., N. Y., Tex.
<i>Bruchus rufipes</i> Hbst. (Bruchidae):					
<i>Vicia faba</i> (broadbean)	Italy	1			N. Y.
<i>Vicia sativa</i> (vetch)	Italy, Syria	2			La.
<i>Vicia</i> sp.	Bulgaria, Italy, Turkey	1		2	Ala., N. Y., Oreg.
<i>Bruchus signaticornis</i> Gyll. (Bruchidae):					
<i>Lens culinaris</i> (lentil)	Italy	5			N. Y.
<i>Vicia monantha</i> (bard vetch)	Spain			1	D. C.
<i>Bruchus tristiculus</i> Fahr. (Bruchidae):					
<i>Lathyrus odoratus</i> (sweet pea)	France, Portugal			2	N. Y.
<i>Lathyrus sativus</i> (grass pea)	Italy, Portugal	1		2	Mass., N. J., N. Y.
<i>Vicia sativa</i> (vetch)	Greece	1			D. C.
<i>Bruchus tristis</i> Boh. (Bruchidae):					
Bean	Azores	1			Mass.
<i>Lathyrus sativus</i> (grass pea)	Italy, Portugal, Turkey	4		6	D. C., Mass., N. J., N. Y.
<i>Lathyrus</i> sp.	Italy	3		1	N. Y.
Legume	do			1	Mass.
Lupine	do			1	N. Y.
<i>Lupinus albus</i> (white lupine)	do	1			Ohio.
<i>Vicia faba</i> (broadbean)	do			1	Md.
<i>Vicia sativa</i> (vetch)	Greece	2			D. C.
<i>Vicia</i> sp.	Turkey			1	N. J.
<i>Bruchus ulicis</i> Muls. (Bruchidae):					
<i>Lens culinaris</i> (lentil)	Italy	2			N. Y.
<i>Vicia ervilia</i> (bitter vetch)	Syria, Turkey			2	D. C.
<i>Vicia</i> sp.	do			2	N. J.
<i>Cacoecia pronubana</i> (Hbn.) (Tortricidae):					
<i>Laurus nobilis</i> (Grecian laurel)	England		7		N. Y.
<i>Callidium rufipenne</i> Mots. (Cerambycidae):					
<i>Diospyros</i> sp. (persimmon)	Japan	1			Hawaii.

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<i>Callidium violaceum</i> (L.) (Cerambycidae):					
<i>Picea</i> sp. (spruce)	Finland	1			N. Y.
<i>Pinus</i> sp. (pine)	Germany	1			N. Y.
Wood crating	Sweden	1			Oreg.
<i>Calligrapha argus</i> Stal (Chrysomelidae):					
Bromeliad	Mexico			1	Tex.
<i>Calligrapha diversa</i> (Stal) (Chrysomelidae):					
Orchid	do			1	Ariz.
<i>Callosobruchus ademptus</i> (Sharp) (Bruchidae):					
<i>Pueraria thunbergiana</i> (kudzu-bean)	China, Japan, Korea			7	D. C., N. J., N. Y.
<i>Pueraria</i> sp.	India			1	D. C.
<i>Callosobruchus phaseoli</i> (Gyll.) (Bruchidae):					
<i>Dolichos lablab</i> (hyacinth-bean)	British West Indies, India			2	D. C., N. J.
<i>Dolichos</i> sp.	St. Vincent	2			N. Y.
Legume seed	Montserrat, Philippines	1		1	Mass., Wash.
<i>Callosobruchus pulcher</i> Pic (Bruchidae):					
Legume seed	Philippines	1			Wash.
<i>Phaseolus angularis</i> (adzuki bean)	Japan	1			Hawaii.
<i>Camaromyia bullans</i> (Wied.) (Tephritidae):					
<i>Xanthium</i> sp. (cocklebur)	Australia	1			Mass.
<i>Capaneus tetricus</i> Stal (Coreidae):					
Orchid	Mexico			1	Tex.
<i>Capitophorus avellanae</i> Schrank (?) (Aphidae):					
<i>Corylus avellana</i> (filbert)	Italy	1			N. Y.
<i>Capitophorus chrysanthemi</i> Theob. (?) (Aphidae):					
<i>Chrysanthemum</i> sp.	Netherlands			1	N. J.
<i>Carbula marginella</i> (Thunb.) (Pentatomidae):					
<i>Vitis</i> sp. (grape)	Union of South Africa	1			N. Y.
<i>Carposina sasakii</i> Mats. (Carposinidae):					
<i>Malus sylvestris</i> (apple)	Korea	1			Minn.
<i>Caryedon fuscus</i> (Goeze) (Bruchidae):					
<i>Acacia farnesiana</i>	Hawaii			1	Hawaii.
<i>Albizia amara</i>	India			1	N. J.
<i>Arachis hypogaea</i> (peanut)	Portugal			1	Mass.
<i>Cassia javanica</i> (appleblossom senna)	Hawaii			1	Hawaii.
<i>Cassia</i> sp.	do	2			Hawaii.
<i>Kerstingiella geocarpa</i>	Gold Coast			1	D. C.
<i>Ceratitis anonae</i> Grah. (Tephritidae):					
<i>Persea americana</i> (avocado)	do			1	N. Y.
<i>Ceratitis capitata</i> (Wied.) (Tephritidae):					
<i>Annona cherimola</i> (cherimoya)	Madeira Islands	1			N. Y.
<i>Annona</i> sp.	do	1			Mass.
<i>Citrus limon</i> (lemon)	Italy	2			N. Y.
<i>Citrus paradisi</i> (grapefruit)	Canary Islands, Cyprus, Egypt, Israel, Spain			13	Mass., N. Y., Pa., Tex.
<i>Citrus reticulata</i> (Mandarin orange)	Azores, Italy, Malta, Portugal, Spain, Syria, unknown	13	8		La., Mass., N. Y., Va.
<i>Citrus sinensis</i> (orange)	Algeria, Azores, Egypt, France (?), Italy, Portugal, Spain	9	28		La., Mass., N. Y., Pa.
<i>Coffea</i> sp. (coffee)	Brazil, Hawaii	2			Fla., Hawaii.
<i>Cydonia oblonga</i> (quince)	Italy, Portugal	4			Mass., N. Y.
<i>Diospyros</i> sp. (persimmon)	Italy	1			Mass.
<i>Eriobotrya japonica</i> (loquat)	Madeira Islands	2			N. Y.
<i>Ficus carica</i> (fig.)	Azores, Italy	2			Mass., N. Y.
<i>Fortunella japonica</i> (kumquat)	France	1			N. Y.
<i>Malus sylvestris</i> (apple)	France, Italy, Portugal	5			Mass., N. Y.
<i>Opuntia compressa</i> (pricklypear)	Italy	7			N. Y.
<i>Prunus domestica</i> (plum)	Azores	2			Mass.
<i>Prunus persica</i> (peach)	Azores, France, Portugal, Syria	4	4		Mass., N. Y.
<i>Psidium guajava</i> (guava)	Israel, Portugal	2			Mass.
<i>Psidium littorale</i> (strawberry guava)	Portugal	1			Mass.

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<i>Teratitis capitata</i> (Wied.) (Tephritidae)—Con. <i>Pyrus communis</i> (pear).....	Austria* (?), Azores, France, Italy, Portugal, Turkey.....	12	8	---	Mass., N. Y.
In package with oranges and tangerines.....	Italy.....	1	---	---	N. Y.
In package with oranges, plums, pears, and grapes.....	Portugal.....	---	1	---	Mass.
In package with peaches, pricklypears, and pomegranates.....	Italy.....	1	---	---	N. Y.
<i>Teratitis capitata</i> (Wied.) (?) (Tephritidae):					
Cactus.....	do.....	1	---	---	N. Y.
<i>Citrus paradisi</i> (grapefruit).....	Cyprus.....	---	1	---	N. Y.
<i>Citrus sinensis</i> (orange).....	French West Africa, Italy, Portugal.....	1	3	---	Mass., N. Y.
<i>Coffea</i> sp. (coffee).....	Hawaii.....	1	---	---	Calif.*
<i>Ficus carica</i> (fig).....	France, Italy, Lebanon.....	3	---	---	N. Y.
<i>Malus sylvestris</i> (apple).....	France.....	1	---	---	N. Y.
<i>Mangifera indica</i> (mango).....	Egypt.....	1	---	---	N. Y.
<i>Opuntia compressa</i> (pricklypear).....	Italy, Spain.....	2	---	---	N. Y.
<i>Prunus armeniaca</i> (apricot).....	France, Italy.....	2	---	---	Mass., N. Y.
<i>Prunus persica</i> (peach).....	Italy.....	2	---	---	N. Y.
<i>Prunus persica nectarina</i> (nectarine).....	do.....	1	---	---	N. Y.
<i>Pyrus communis</i> (pear).....	France, Syria.....	1	2	---	Mass., N. Y.
<i>Ceroplastes denudatus</i> Ckll. (Coccidae):					
<i>Laurus nobilis</i> (Grecian laurel).....	Virgin Islands.....	1	---	---	N. Y.
<i>Ceroplastes rubens</i> Mask. (Coccidae):					
<i>Anthurium</i> sp.....	Hawaii.....	2	---	---	Calif.*
<i>Camellia japonica</i> var.....	Japan.....	---	1	---	Calif.*
<i>Camellia</i> sp.....	do.....	---	1	---	Wash.
<i>Euonymus europaeus</i> (European euonymus).....	do.....	---	1	---	Calif.*
Fern.....	Guam.....	---	1	---	Hawaii.
<i>Lycium chinense</i> (Chinese matrimony-vine).....	Japan.....	---	1	---	Calif.*
<i>Todea barbara</i>	Australia.....	---	1	---	Calif.*
<i>Ceroplastes rusci</i> (L.) (Coccidae):					
<i>Ficus carica</i> (fig).....	Azores, Germany, Greece, Italy.....	3	---	3	Fla., Mass., N. Y.
<i>Eutiorhynchus assimilis</i> Payk. (Curculionidae):					
Orchid.....	Unknown.....	1	---	---	Hawaii.
<i>Chaetocnema concinna</i> (Marsh.) (Chrysomelidae):					
Wood moss with <i>Ribes</i> plants.....	Denmark.....	---	---	1	N. J.
<i>Chaetocnema hortensis</i> (Geoff.) (Chrysomelidae):					
<i>Laburnum</i> sp.....	do.....	---	---	1	N. J.
<i>Rhododendron</i> sp.....	England.....	---	---	1	Wash.
<i>Halcolepidius approximatus</i> Er. (Elateridae):					
<i>Gladiolus</i> sp.....	Mexico.....	1	---	---	Tex.
<i>Helysoma variabilis</i> (H.-S.) (Pentatomidae):					
Cactus.....	do.....	---	---	1	Tex.
<i>Philo simplex</i> (Btlr.) (Crambidae):					
<i>Oryza sativa</i> (rice).....	China, Germany, Japan.....	17	---	---	Calif.,* Fla.,* Hawaii, Ill., La., N. Y., Tex., Wash.
<i>Philo simplex</i> (Btlr.) (?) (Crambidae):					
<i>Oryza sativa</i> (rice).....	Egypt.....	1	---	---	Pa.
<i>Chionaspis elongata</i> (Green) (Coccidae):					
Bamboo.....	China.....	1	---	---	Calif.*
<i>Chionaspis exalbida</i> Ckll. (Coccidae):					
<i>Aloe</i> sp.....	Transvaal.....	---	---	1	Calif.*
<i>Chionaspis funtuniae</i> Newst. (Coccidae):					
<i>Alafia</i> sp.....	Nigeria.....	---	---	1	D. C.
<i>Chrysolina americana</i> (L.) (Chrysomelidae):					
<i>Rosmarinus officinalis</i> (rosemary).....	Italy.....	---	---	1	La.
<i>Chrysomphalus inopinatus</i> (Leon.) (Coccidae):					
<i>Pistacia vera</i> (pistache).....	Lebanon, Syria.....	3	---	---	N. Y.
<i>Pyrus communis</i> (pear).....	Lebanon.....	---	---	2	Mass.

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<i>Chrysomphalus nigropunctatus</i> (Ckll.) (Coccidae):					
<i>Abies</i> sp. (fir).....	Mexico.....	1			Tex.
<i>Laelia autumnalis</i> (orchid).....	do.....			1	Tex.
<i>Laelia majalis</i>	do.....			1	Tex.
<i>Laelia</i> sp.....	do.....			1	Calif.*
Orchid.....	do.....			1	Ariz.
<i>Chrysomphalus odontoglossi</i> (Ckll.) (Coccidae):					
<i>Acacia</i> sp.....	Galapagos Islands.....		1		Calif.*
Orchid.....	Jamaica.....			1	Fla.
<i>Chrysomphalus personatus</i> (Comst.) (Coccidae):					
<i>Citrus aurantifolia</i> (sour lime).....	Mexico.....		1		Calif.*
<i>Cocos nucifera</i> (coconut).....	Costa Rica, Guatemala.....	2	1		Calif.*
<i>Hyperbaena ilicifolia</i>	Mexico.....	1			Ariz.
<i>Laurus nobilis</i> (Grecian laurel).....	Brazil, Martinique.....	1	1		N. Y., Tex.
<i>Persea americana</i> (avocado).....	Mexico.....			1	Tex.
<i>Chrysomphalus pinnulifera</i> (Mask.) (Coccidae):					
<i>Citrus</i> sp.....	Unknown.....		1		Mass.
<i>Moraea bicolor</i> (yellow moraea).....	India.....			1	Tex.
<i>Chrysomphalus scutiformis</i> (Ckll.) (Coccidae):					
<i>Citrus aurantifolia</i> (lime).....	Mexico.....	1			Calif.*
<i>Citrus</i> sp.....	Nicaragua.....	1			Calif.*
<i>Philodendron</i> sp.....	Mexico.....			1	Tex.
Plant.....	Salvador.....			1	Calif.*
<i>Chrysomphalus sphaeroides</i> (Ckll.) (Coccidae):					
Leaf.....	Mexico.....	2			Tex.
<i>Philodendron</i> sp.....	do.....			3	Tex.
<i>Chrysomphalus tenax</i> (McKenzie) (Coccidae):					
<i>Brassavola nodosa</i> (orchid).....	Jamaica.....			1	N. J.
<i>Cattleya deckeri</i> (orchid).....	Canal Zone.....			1	Calif.*
Orchid.....	Jamaica, Venezuela.....			2	Fla., Tex.
<i>Philodendron</i> sp.....	Guatemala, Mexico.....			2	Fla., Tex.
<i>Chrysomphalus tingi</i> (McKenzie) (Coccidae):					
<i>Cocos nucifera</i> (coconut).....	Costa Rica.....	1			Calif.*
<i>Chrysomphalus umboniferus</i> (Newst.) (Coccidae):					
<i>Cattleya</i> sp. (orchid).....	Venezuela.....		2		N. J.
<i>Chysis</i> sp. (orchid).....	Guatemala.....			1	Tex.
<i>Laelia rubescens</i> (orchid).....	Costa Rica.....			1	Calif.*
<i>Oncidium panamense</i> (orchid).....	Canal Zone.....			1	Hawaii.
<i>Oncidium</i> sp.....	Guatemala.....			1	Tex.
Orchid.....	Guatemala, Honduras, Venezuela.....			4	Fla., N. J., Tex.
<i>Schomburgkia</i> sp. (orchid).....	Mexico.....			1	Tex.
<i>Cletus ochraceus</i> (H.-S.) (Coreidae):					
<i>Vitis</i> sp. (grape).....	Union of South Africa.....	1			N. Y.
<i>Coccotrypes pygmaeus</i> Eichh. (Scolytidae):					
<i>Euterpe badiocarpa</i> (palm).....	Brazil.....			1	N. J.
Palm.....	Mexico.....			1	Tex.
<i>Ptychosperma elegans</i> (solitaire palm).....	Argentina.....			1	N. J.
<i>Coccus pseudoheperidum</i> (Ckll.) (Coccidae):					
<i>Cattleya gaskelliana pallida</i> (orchid).....	Guatemala.....			1	Tex.
<i>Cattleya mossiae</i>	do.....			1	Calif.*
<i>Oncidium</i> sp. (orchid).....	Germany.....			1	N. J.
<i>Coccus viridis</i> (Green) (Coccidae):					
<i>Alpinia purpurata</i>	Hawaii.....	1			Calif.*
<i>Citrus paradisi</i> (grapefruit).....	Bahamas, British West Indies.....	1	1		Fla.,* N. Y.
<i>Citrus</i> sp.....	Bahamas.....	1			Fla.*
<i>Gardenia augusta</i> (gardenia).....	Brazil, Cuba, Dominican Republic, Hawaii, Puerto Rico, Venezuela.....	27		1	Calif.,* Fla., Hawaii, N. Y. P. R.
<i>Gardenia</i> sp.....	Hawaii, Philippines.....	2		1	Calif.*
<i>Gomphrena</i> sp.....	Puerto Rico.....	1			P. R.
<i>Ixora</i> sp.....	Dominican Republic, Jamaica.....			2	Fla., P. R.
<i>Ligustrum</i> sp.....	Trinidad.....			1	Ala.
Plant.....	Dominican Republic.....			1	P. R.

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<i>Colaspis inconspicua</i> Jac. (Chrysomelidae): Airplane.....	Guatemala.....	---	1	---	Tex.
<i>Conchaspis angraeci</i> Kkll. (Coccidae): <i>Cutleya mossiae</i> (orchid).....	Venezuela.....	---	1	---	D. C.
<i>Oncidium</i> sp. (orchid).....	Mexico.....	---	1	---	Tex.
Orchid.....	Cuba, Trinidad.....	---	3	---	Fla.
<i>Conotrachelus aguacatae</i> Barber (Curculionidae): <i>Persea americana</i> (avocado).....	Mexico.....	178	1	---	Ariz., Calif.,* Tex.
<i>Conotrachelus perseae</i> Barber (Curculionidae): <i>Persea americana</i> (avocado).....	Guatemala, Honduras, Mexico.....	6	2	---	Calif.,* La., Tex.
<i>Copaza lavendera</i> Westw. (Saturniidae): Orchid.....	Mexico.....	---	1	---	Tex.
<i>Coptotermes formosanus</i> (Shiraki) (Rhinotermitidae): <i>Aglaonema simplex</i> (China green).....	China.....	---	1	---	Calif.*
Wooden packing case.....	Hawaii.....	1	---	---	Wash.
<i>Coptotermes niger</i> Snyder (Rhinotermitidae): Wooden packing case.....	do.....	1	---	---	Wash.
<i>Corimelaena elegans</i> (McA. & Mall.) (Pentatomidae): Orchid.....	Mexico.....	---	1	---	Tex.
<i>Cosmopolites sordidus</i> (Germ.) (Curculionidae): <i>Musa paradisiaca sapientum</i> (banana).....	Salvador.....	---	1	---	Calif.*
<i>Cossonus canaliculatus</i> (F.) (Curculionidae): <i>Lycopersicon esculentum</i> (tomato).....	Mexico.....	1	---	---	Ariz.
<i>Crepidodera asphaltina</i> Suffr. (?) (Chrysomelidae): <i>Lycopersicon esculentum</i>	do.....	1	---	---	Tex.
<i>Crioceris lili</i> (Scop.) (Chrysomelidae): <i>Lilium candidum</i> (Madonna lily).....	France.....	---	3	---	N. Y.
<i>Crocosema plebeiana</i> Zell. (Olethreutidae): <i>Hibiscus esculentus</i> (okra).....	Cuba.....	5	---	---	Fla.,* La., N. Y., Tex.
<i>Crophius scabrosus</i> Uhler (Lygaeidae): <i>Centaurea cyanus</i> (bachelors-button).....	Mexico.....	1	---	---	Tex.
Orchid.....	do.....	---	2	---	Ariz., Tex.
<i>Cryphula apicatus</i> (Dist.) (Lygaeidae): <i>Oncidium wentworthianum</i> (orchid).....	Guatemala.....	---	1	---	Calif.*
Orchid.....	do.....	---	1	---	N. J.
<i>Cryptoblabes gnidiella</i> (Mill.) (Phycitidae): <i>Citrus limon</i> (lemon).....	Italy.....	1	---	---	N. Y.
<i>Citrus sinensis</i> (orange).....	Italy, Spain.....	2	---	---	N. Y.
<i>Punica granatum</i> (pomegranate).....	Greece, Israel, Italy, Madeira Islands, unknown.....	9	---	---	Ill., Mass., N. Y.
<i>Cryptophlebia illepidia</i> (Btlr.) (Olethreutidae): <i>Macadamia</i> sp.....	Hawaii.....	1	---	---	Hawaii.
<i>Cryptorhynchus mangiferae</i> F. (Curculionidae): <i>Mangifera indica</i> (mango).....	Hawaii, India, Pakistan, unknown.....	17	5	1	Calif.,* Hawaii, Mass., N. Y.
<i>Mangifera</i> sp.....	Hawaii.....	1	---	---	Calif.*
<i>Cryptotermes brevis</i> (Wlk.) (Kalotermitidae): Bamboo.....	do.....	1	---	---	Hawaii.
Cardboard carton.....	Puerto Rico.....	1	---	---	N. Y.
Wood.....	Barbados, Venezuela.....	1	---	1	Mass., N. Y.
<i>Ctenochira cumulata</i> (Boh.) (Chrysomelidae): Orchid.....	Mexico.....	---	1	---	Tex.
<i>Cylas formicarius</i> (F.) (Curculionidae): <i>Ipomoea batatas</i> (sweetpotato).....	India, Philippines.....	1	1	---	Calif.,* N. Y.
<i>Cylas formicarius elegantulus</i> (Summers) (Curculionidae): <i>Ipomoea batatas</i> (sweetpotato).....	Antigua, Cuba, Dominican Republic, Haiti, Mexico, Puerto Rico.....	50	10	---	Ala., Ga., N. Y., P. R. Tex.

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<i>Cylas formicarius</i> (F.) var. (Curculionidae): <i>Ipomoea batatas</i> (sweetpotato)	Egypt, Formosa, India, Malaysia, Philippines, Straits Settlements, Tahiti.	3	9	---	Calif.,*Hawaii, Mass., N. Y. Wash.
<i>Cylindronotus laevioctostriatus</i> (Goeze) (Tenebrionidae): <i>Sinningia speciosa</i> (gloxinia)	Belgium	---	---	1	N. J.
<i>Dacus cucurbitae</i> (Coq.) (Tephritidae): <i>Capsicum frutescens grossum</i> (sweetbell red pepper)	Hawaii	---	1	---	Calif.*
<i>Cucumis sativus</i> (cucumber)	do	---	4	---	Calif.*
<i>Lycopersicon esculentum</i> (tomato)	do	---	13	---	Ala., Calif., La., Wash.
<i>Dacus cucurbitae</i> (Coq.) (?) (Tephritidae): <i>Cucumis melo</i> (melon)	India	---	1	---	Mass.
<i>Cucumis sativus</i> (cucumber)	Hawaii	---	3	---	Calif.*
<i>Dacus dorsalis</i> Hend. (Tephritidae): Airplane	do	---	3	---	Hawaii.
<i>Capsicum frutescens</i> (pepper)	do	---	2	---	La.
<i>Capsicum frutescens grossum</i> (sweetbell red pepper)	do	---	1	---	Calif.*
<i>Lycopersicon esculentum</i> (tomato)	do	---	2	---	Calif.*
<i>Mangifera indica</i> (mango)	Guam, Hawaii	3	---	---	Calif.,* Hawaii.
<i>Musa paradisiaca sapientum</i> (banana)	Hawaii	4	2	---	Calif.*
<i>Ochrosia elliptica</i>	do	1	---	---	Calif.*
<i>Dacus dorsalis</i> Hend. (?) (Tephritidae): <i>Coffea</i> sp. (coffee)	do	---	2	---	Hawaii.
<i>Musa paradisiaca sapientum</i> (banana)	do	---	2	---	Calif.*
<i>Persea americana</i> (avocado)	Philippines	---	1	---	Hawaii.
<i>Dacus oleae</i> (Gmel.) (Tephritidae): <i>Olea europaea</i> (olive)	Greece, Italy, Lebanon, Portugal, Saudi Ara- bia, Spain, Syria, Tripoli.	51	---	1	Ill., Mass., N. Y., Oreg. Pa.
<i>Dacus oleae</i> (Gmel.) (?) (Tephritidae): <i>Olea europaea</i> (olive)	Italy	1	1	---	Md., Tex.
<i>Dercynus micronyx</i> Champ. (Curculionidae): <i>Brownea latifolia</i> (broadleaf flamebean)	Trinidad	---	---	1	Fla.
<i>Diabrotica speciosa</i> (Germ.) (Chrysomelidae): <i>Avena sativa</i> (oat)	Argentina	1	---	---	Tex.
<i>Dialeurodes chittendeni</i> Laing (Aleyrodidae): <i>Rhododendron</i> sp.	Netherlands	---	---	1	N. J.
<i>Dialeurodes citri</i> (Ashm.) (Aleyrodidae): <i>Gardenia</i> sp.	Philippines (?)	---	1	---	Calif.*
<i>Citrus reticulata</i> (Mandarin orange)	Japan	---	1	---	Calif.*
<i>Citrus</i> sp.	Mexico	1	---	---	Tex.
<i>Photinia</i> sp.	Japan	---	---	1	Wash.
<i>Dialeurodes citrifolii</i> (Morg.) (Aleyrodidae): <i>Citrus sinensis</i> (orange)	Mexico	1	---	---	Tex.
<i>Citrus</i> sp.	Bahamas	1	---	---	Fla.*
Leaf	Mexico	1	---	---	Tex.
<i>Dialeurodes kirkaldyi</i> (Kot.) (Aleyrodidae): <i>Gardenia augusta</i> (gardenia)	Syria	---	---	1	N. J.
<i>Morinda citrifolia</i>	Hawaii	1	---	---	Calif.*
<i>Murraya paniculata</i> (jasminorange)	Siam(?)	1	---	---	Hawaii.
<i>Dialeurodes platensis</i> Bondar (?) (Aleyrodidae): <i>Eugenia cauliflora</i>	Brazil	---	---	1	D. C.
<i>Dialeuropora setigera</i> Takah. (Aleyrodidae): Leaf	Philippines	1	---	---	Calif.*
<i>Diaprepes abbreviatus</i> L. var. (Curculionidae): Plant	Puerto Rico	1	---	---	N. Y.
<i>Diaprepes familiaris</i> Oliv. var. (Curculionidae): <i>Nerium oleander</i> (oleander)	Bermuda	1	---	---	N. Y.
<i>Diaspis miranda</i> (Ckll.) (Coccidae): <i>Phoradendron flavescens</i> (mistletoe)	Mexico	1	---	---	Tex.
<i>Diatraea magnifacella</i> Dyar (Crambidae): <i>Saccharum officinarum</i> (sugarcane)	do	1	---	---	Tex.

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<i>Dicopyphus errans</i> (Wolff) (Miridae): <i>Antirrhinum majus</i> (snapdragon)	Germany	1			N. Y.
<i>Dinoderus bifoveolatus</i> (Woll.) (Bostrichidae): <i>Cryptomeria</i> sp.	Japan			1	Wash.
<i>Enterolobium timbouza</i> (timboe)	Brazil	1			N. Y.
<i>Zingiber officinale</i> (ginger)	Jamaica	1			N. Y.
<i>Dinoderus brevis</i> (Horn) (Bostrichidae): Bamboo	India, Japan, Philip-pines	6	1		Hawaii, La., Tex.
<i>Cymbidium</i> sp. (orchid)	India			1	N. Y.
Grain	do.			1	S. C.
<i>Juniperus</i> sp. (juniper)	Japan			1	Wash.
<i>Diocalandra taitensis</i> (Guer.) (Curculionidae): <i>Cocos nucifera</i> (coconut)	Hawaii	4			Hawaii.
<i>Dione moneta poeyii</i> Btlr. (Nymphalidae): <i>Philodendron radiatum</i>	Guatemala			1	N. J.
<i>Diorymerellus laevimargo</i> Champ. (Curculionidae): Orchid	Mexico			5	Tex.
<i>Disonycha antennata</i> Jac. (Chrysomelidae): <i>Lycopersicon esculentum</i> (tomato)	do.	1			Tex.
<i>Disonycha militaris</i> Jac. (Chrysomelidae): Airplane	Guatemala			1	La.
<i>Dizygomyza flavifrons</i> (Mg.) (Agromyzidae): <i>Dianthus</i> sp. (carnation)	Italy	1			N. Y.
<i>Drymus assimilis</i> Horvath (Lygaeidae): <i>Rhododendron</i> sp.	England			1	Wash.
Woods moss with <i>Ribes</i> plants	Denmark			1	N. J.
<i>Drymus brunneus</i> (Sahlb.) (Lygaeidae): <i>Calluna vulgaris</i> (heather)	England	1			Ill.
<i>Picea abies</i> (Norway spruce)	Norway			1	N. Y.
<i>Rhododendron</i> sp.	England			1	Wash.
<i>Drymus sylvaticus</i> (F.) (Lygaeidae): <i>Rhododendron azaleodendron</i>	do.			1	Wash.
<i>Rhododendron</i> sp.	do.			1	Wash.
<i>Dysdercus mimulus</i> Hussey (Pyrrhocoridae): <i>Lycopersicon esculentum</i> (tomato)	Mexico	1			Tex.
<i>Dyspessa ulula</i> (Bkh.) (Cossidae): <i>Allium sativum</i> (garlic)	Italy	3	1	1	Mass., N. Y.
<i>Elytrotetnus subtruncatus</i> (Fairm.) (Curculionidae): <i>Cocos nucifera</i> (coconut)	Hawaii	1			Hawaii.
<i>Emesopsis nubilus</i> Uhler (Reduviidae): <i>Lycopersicon esculentum</i> (tomato)	Mexico	1			Ariz.
<i>Epicaerus cognatus</i> Sharp (Curculionidae): <i>Solanum tuberosum</i> (potato)	do.			1	Fla.*
<i>Epicometis hirta</i> (Poda) (Scarabaeidae): <i>Cynara scolymus</i> (globe artichoke)	Tunisia			1	Pa.
Soil and woods moss	France			1	N. J.
<i>Epidiaspis piricola</i> (del Guer.) (Coccidae): <i>Malus sylvestris</i> (apple)	England, Italy, Spain, Sweden	5	1		N. Y.
<i>Epinotia lantana</i> Busck (?) (Olethreutidae): <i>Lantana aculeata</i>	Bermuda			1	N. Y.
<i>Epinotia opposita</i> Hein. (Olethreutidae): <i>Phaseolus vulgaris</i> var. (string bean)	Brazil, Mexico, Peru, Venezuela.	2	6		N. Y., Pa., Tex.
<i>Ereunetis flavistrata</i> Wlsm. (Tineidae): <i>Cocos nucifera</i> (coconut)	Hawaii	1			Hawaii
<i>Ernobius abietis</i> (F.) (Anobiidae): <i>Picea</i> sp. (spruce)	Germany	1			N. Y.
<i>Eucalymnatus tessellatus</i> (Sign.) (Coccidae): <i>Cocos nucifera</i> (coconut)	Hawaii	1			Hawaii
<i>Gardenia augusta</i> (gardenia)	Italy, Mexico	1		1	N. Y., Tex.
<i>Eumerus strigatus</i> Fall. (Syrphidae): <i>Narcissus</i> sp.	France			1	N. Y.
<i>Eumysia stigmella</i> (Dyar) (Phycitidae): <i>Echeveria</i> sp.	Mexico			2	Calif.

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<i>Eurydema oleraceum</i> (L.) (Pentatomidae):					
<i>Ribes</i> sp.	Germany			1	N. J.
<i>Eurygaster maura</i> (L.) (Pentatomidae):					
<i>Vitis</i> sp. (grape)	Greece	1			N. Y.
<i>Eurytoma cynipsea</i> Boh. (Eurytomidae):					
<i>Salvia</i> sp. (sage)	do	1			N. Y.
<i>Eurytoma onobrychidis</i> Nik. (Eurytomidae):					
<i>Onobrychis</i> sp.	Turkey			1	D. C.
<i>Eurytoma orchidearum</i> (Westw.) (Eurytomidae):					
<i>Cattleya</i> sp. (orchid)	Brazil, Colombia, Venezuela.			5	Fla.
<i>Epidendrum bicornutum</i> (orchid)	Trinidad			1	N. J.
Orchid.	Brazil, Colombia, Trinidad, Venezuela.			6	Fla.
<i>Euscepes postfasciatus</i> (Fairm.) (Curculionidae):					
<i>Ipomoea batatas</i> (sweetpotato)	Barbados, Brazil, Hawaii, Puerto Rico, Tahiti, Venezuela, Virgin Islands, West Indies.	10	6		Hawaii, La. Mass, N. Y. P. R., Tex. Va.
<i>Euxesta annonae</i> F. (Otitidae):					
<i>Zea mays</i> (corn)	British Guiana		1		Ala.
<i>Euxesta notata</i> (Wied) (Otitidae):					
<i>Dianthus</i> sp. (carnation)	Bermuda	1			Va.
<i>Everes comyntas</i> (Godart) (Lycaenidae):					
<i>Phaseolus vulgaris</i> var. (string bean)	Mexico	1			Ariz.
<i>Evergestis forficalis</i> (L.) (Pyraustidae)					
<i>Brassica oleracea capitata</i> (cabbage)	England, Italy		3		Ala., S. C., Tex.
<i>Evergestis rimosalis</i> * (Gn.) (Pyraustidae):					
<i>Rorippa nasturtium aquaticum</i> (watercress)	Mexico	1			Tex.
<i>Erosoma lusitanica</i> (L.) (Chrysomelidae):					
<i>Muscari comosus</i> (cipollino)	Italy	1			N. Y.
<i>Rosmarinus officinalis</i> (rosemary)	do		1		N. Y.
<i>Erptochiamera albomaculata</i> (Dist.) (Lygaeidae):					
<i>Ananas comosus</i> (pineapple)	Mexico	1			Tex.
<i>Cucumis melo cantalupensis</i> (cantaloupe)	do	1			Ariz.
<i>Cucurbita maxima</i> (squash)	do	1			Tex.
Orchid.	Guatemala			1	N. J.
<i>Persea americana</i> (avocado)	Mexico	1			Tex.
<i>Solanum tuberosum</i> (potato)	do	1			Tex.
<i>Zea mays</i> (corn)	do	2			Tex.
<i>Erptochiamera oblonga</i> (Stal) (Lygaeidae):					
<i>Cucurbita</i> sp. (Italian squash)	do	1			Calif.*
<i>Lycopersicon esculentum</i> (tomato)	do	2			Ariz.
Orchid.	do			1	Tex.
<i>Ferrisia virgata</i> (Ckll.) (Coccidae):					
<i>Frassavola nodosa</i> (orchid)	Guatemala			1	Calif.*
<i>Codiaeum</i> sp. (croton)	Philippines		1		Wash.
<i>Dendrobium</i> spp. (orchid)	do		1		Calif.*
<i>Gossypium</i> sp. (cotton)	Salvador, Venezuela	1			La., N. Y.
<i>Graptophyllum scriptum</i>	Philippines		1		Calif.*
<i>Karwinskia humboldtiana</i>	Mexico	1			Tex.
<i>Lonicera</i> sp. (honeysuckle)	India		1		N. Y.
<i>Manihot esculenta</i> (cassava)	Panama		1		Calif.*
<i>Philodendron</i> sp.	Philippines		1		Calif.*
Plant.	Canton Island, Philippines.		2		Hawaii.
<i>Polygonum tuberosum</i> (tuberoses)	Guatemala			1	La.
<i>Fiorinia phantasma</i> Ckll. & Rob. (Coccidae):					
Leaf.	Philippines	1			Hawaii.
<i>Frankliniella cubensis</i> Hood (Thripidae):					
<i>Chrysanthemum</i> sp.	Bermuda	1			N. Y.
<i>Rosa</i> sp.	Cuba	1			Tex.
<i>Frankliniella difficilis</i> Hood (Thripidae):					
<i>Nerium oleander</i> (oleander)	Bermuda			1	N. Y.

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<i>Frankliniella insularis</i> (Frankl.) (Thripidae):					
<i>Antirrhinum majus</i> (snapdragon)	Haiti	2			P. R.
<i>Citrus</i> sp.	Bermuda	1			N. Y.
<i>Coccolobis</i> sp.	do			1	N. Y.
<i>Gardenia augusta</i> (gardenia)	Puerto Rico	1			P. R.
<i>Gladiolus</i> sp.	Haiti	2			P. R.
<i>Hibiscus</i> sp.	Bermuda	5	1		N. Y.
<i>Iris</i> sp.	do	1			N. Y.
<i>Lilium</i> sp.	do	1			Mass.
<i>Nerium oleander</i> (oleander)	do	1		1	N. Y.
<i>Passiflora</i> sp.	do	4	1		Mass., N. Y.
<i>Rosa</i> sp.	Dominican Republic	1			P. R.
<i>Frauenfeldiella jelinekii</i> (Frñd.) (Aleyrodidae):					
<i>Viburnum</i> sp.	Greece			1	N. Y.
<i>Fulvius brevicornis</i> Reuter (Miridae):					
<i>Cedrela</i> sp.	Costa Rica	1			La.
<i>Lilium candidum</i> (Madonna lily)	France			1	N. J.
<i>Fundella pellucens</i> (Zell.) (Phycitidae):					
<i>Cajanus cajan</i> (pigeonpea)	Puerto Rico	2			P. R.
<i>Phaseolus vulgaris</i> var. (string bean)	Aruba	1			N. Y.
<i>Furcaspis biformis</i> (Ckll.) (Coccidae):					
<i>Brassavola</i> sp. (orchid)	Canal Zone			2	Fla.
<i>Catasetum viridiflorum</i> (orchid)	do			1	Calif.*
<i>Cattleya citrina</i> (orchid)	Mexico			1	Calif.*
<i>Cattleya deckeri</i>	Canal Zone			1	Calif.*
<i>Cattleya gigas</i>	Colombia			1	Calif.*
<i>Cattleya</i> sp.	Canal Zone, Colombia, Guam, Puerto Rico, Venezuela.			7	Calif.* Fla., N. J.
Cutting	Hawaii			1	Calif.*
<i>Epidendrum atropurpureum</i> (orchid)	Canal Zone			3	N. J., Tex.
Fern	Mexico	1			Ariz.
<i>Oncidium</i> sp. (orchid)	Canal Zone, Colombia, Venezuela.			3	Calif.,* N. J., Tex.
Orchid	Brazil, British Guiana, Canal Zone, Colombia, Costa Rica, Hawaii, Panama, Trinidad, Venezuela.		1	26	Calif.,* Fla., N. J., N. Y., P. R.
Plant	Venezuela			1	N. J.
Pseudobulb	Canal Zone			1	Calif.*
<i>Vanda</i> sp. (orchid)	Hawaii			1	Calif.*
<i>Furcaspis oceanica</i> Ldgr. (Coccidae):					
<i>Cocos nucifera</i> (coconut)	Kwajalein			1	Hawaii.
<i>Galerucella lineola</i> (F.) (Chrysomelidae):					
Woods moss with shrubs	Norway			1	N. J.
<i>Gastrodes pacificus</i> (Prov.) (Lygaeidae):					
<i>Picea</i> sp. (spruce)	Canada	1			Wash.
<i>Gelasma illitirata</i> (Wlk.) (Geometridae):					
<i>Oryza sativa</i> (rice)	Korea		1		Wash.
<i>Gelechia ericetella</i> (Hbn.) (Gelechiidae):					
<i>Calluna vulgaris</i> (heather)	Scotland	3			Ill., Mass.
<i>Genopaschia protomi</i> Dyar (?) (Galleriidae):					
<i>Ananas comosus</i> (pineapple)	Cuba	1			N. Y.
<i>Gerstaeckeria mutillaria</i> (Gerst.) (Curculionidae):					
<i>Coryphantha erecta</i> (cactus)	Mexico			1	Tex.
<i>Inorimoschema gudmannella</i> (Wlsm.) (Gelechiidae):					
<i>Capsicum frutescens</i> (pepper)	Cuba, Mexico	8			Ariz., N. Y.
<i>Capsicum frutescens grossum</i> (sweetbell red pepper)	Mexico, Puerto Rico	2			Ariz., P. R.
<i>Capsicum frutescens longum</i> (chilli pepper)	Mexico	5			Calif., Tex.
<i>Lycopersicon esculentum</i> (tomato)	Bahamas		1		N. Y.
<i>Fortyna flavago</i> (Schiff.) (Phalaenidae):					
<i>Cynara scolymus</i> (globe artichoke)	France		1		N. Y.
<i>Gracilaria azaleella</i> Brants (Gracilariidae):					
<i>Rhododendron indicum</i> (indica azalea)	Belgium			1	N. J.
<i>Rhododendron</i> sp.	Netherlands			5	N. J., Wash.

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<i>Grapholitha packardii</i> (Zell.) (Olethreutidae):					
<i>Prunus persica</i> (peach)	Mexico	1			Tex.
<i>Gymnandrosoma aurantianum</i> DaCosta Lima (Olethreutidae):					
<i>Citrus sinensis</i> (orange)	Brazil, Trinidad		2		La.
<i>Haplothrips bagnalli</i> (Tryb.) (Phlaeothripidae):					
<i>Ornithogalum thyrsoides</i> (chinkerichee)	Union of South Africa	4			D. C., N. Y.
<i>Haplothrips cotei</i> (Vuillet) (Phlaeothripidae):					
<i>Dianthus</i> sp. (carnation)	Greece, unknown	2	3		Ill., Mass.
<i>Haplothrips gowdeyi</i> (Frankl.) (Phlaeothripidae):					
<i>Anemone</i> sp.	Bermuda	1			N. Y.
<i>Antirrhinum majus</i> (snapdragon)	Haiti	2			P. R.
<i>Armeria</i> sp. (statice)	Hawaii	1			Calif.*
<i>Aster</i> sp.	Haiti	1			P. R.
<i>Canavalia</i> sp.	Hawaii	1			Calif.*
<i>Dahlia</i> sp.	Bermuda	1			N. Y.
Flowers	Haiti	1			P. R.
Leaf	Hawaii	1			Calif.*
<i>Nerium oleander</i> (oleander)	Bermuda	1			Mass.
<i>Hebrus pusillus</i> (Fall) (Hebriidae):					
<i>Convallaria majalis</i> (lily-of-the-valley)	Germany			1	N. Y.
<i>Heilipus parvulus</i> Boh. (Curculionidae):					
<i>Phoebe porosa</i> (imbuya phoebe)	Brazil			1	Fla.
<i>Hemimene juliana</i> (Curt.) (Olethreutidae):					
<i>Castanea</i> sp. (chestnut)	Italy	1			N. Y.
<i>Heterobostrychus aequalis</i> (Waterh.) (Bostri- chidae):					
<i>Khaya</i> sp.	Gold Coast	1			N. Y.
Wood	Gold Coast, India	4			N. Y., Va.
<i>Heterobostrychus brunneus</i> (Murray) (Bostri- chidae):					
Wood	Gold Coast	1			La.
<i>Heterogaster urticae</i> (F.) (Lygaeidae):					
<i>Bryophyllum</i> sp.	France			1	N. Y.
<i>Heterotermes convexinatus</i> (Snyder) (Rhino- termitidae):					
<i>Jasminum</i> sp.	Canal Zone			1	Calif.*
<i>Heterotermes tenuis</i> (Hagen) (Rhino-termitidae):					
<i>Musa paradisiaca sapientum</i> (banana)	Panama			1	Ala.
<i>Homothrips distinctus</i> Bagn. (Thripidae):					
<i>Protea cynarioides</i> (honeypot protea)	Union of South Africa	1			N. Y.
<i>Homotoma ficus</i> (L.) (Psyllidae):					
<i>Ficus carica</i> (fig)	Italy			1	N. Y.
<i>Hyalopoptus pellucidus</i> (Stal) (Miridae):					
Airplane	Hawaii		1		Calif.*
<i>Hylesinus frazini</i> (Panz.) (Scolytidae):					
<i>Frazinus</i> sp. (ash)	England	1			Mass.
<i>Hylurgops palliatus</i> (Gyll.) (Scolytidae):					
<i>Pinus</i> sp. (pine)	Belgium, Germany	9			La., N. Y.
<i>Hypera fasciculata</i> (Hbst.) (Curculionidae):					
<i>Brassica oleracea capitata</i> (cabbage)	Portugal	2			N. Y.
<i>Hypoborus ficus</i> Er. (Scolytidae):					
<i>Ficus carica</i> (fig)	Syria	1			N. Y.
<i>Icerya littoralis</i> Ckll. (Coccidae):					
<i>Carica papaya</i> (papaya)	Mexico		1		Calif.*
<i>Iphiclydes podalirius</i> (L.) (Papilionidae):					
<i>Pyrus communis</i> (pear)	Italy	1			Ill.
<i>Ips combrae</i> (Heer) (Scolytidae):					
<i>Pinus</i> sp. (pine)	Netherlands	1			Ala.
<i>Ips interstitialis</i> (Eichh.) (Scolytidae):					
<i>Ipomoea jicama</i> (jicama)	Mexico	1			Tex.
<i>Ips typographus</i> (L.) (Scolytidae):					
<i>Pinus</i> sp. (pine)	Czechoslovakia, Ger- many.	5			La., N. Y.

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<i>Iridomyrmex humilis</i> Mayr (Formicidae):					
<i>Antirrhinum majus</i> (snapdragon)	Portugal			1	N. Y.
<i>Aster</i> sp.	Bermuda	1			N. Y.
<i>Begonia</i> sp.	Portugal	1			N. Y.
<i>Brassica oleracea capitata</i> (cabbage)	Italy, Portugal	1	1		N. Y.
<i>Dahlia</i> sp.	Portugal			1	N. Y.
<i>Dianthus</i> sp. (carnation)	Italy	3			N. Y.
<i>Diospyros</i> sp. (persimmon)	do.	1			N. Y.
<i>Eriobotrya japonica</i> (loquat)	Azores	1			N. Y.
<i>Ficus carica</i> (fig)	Italy			1	N. Y.
<i>Gerbera</i> sp.	Bermuda	1			N. Y.
<i>Gladiolus</i> sp.	Italy, Portugal	1		2	Mass., N. Y.
<i>Lathyrus odoratus</i> (sweet pea)	Portugal			1	N. Y.
<i>Leucadendron argenteum</i> (silver-fir)	Union of South Africa	1			N. Y.
<i>Lilium</i> sp. (lily)	Azores, France			2	Mass., N. J.
<i>Mathiola</i> sp. (stock)	Portugal			1	N. Y.
<i>Mimosa</i> sp.	Italy	2			N. Y.
Orchid	Madeira Islands	3			N. Y.
Palm	Portugal	1			N. Y.
Plant	do.	1			Mass.
<i>Protea cynarioides</i> (honeypot protea)	Union of South Africa	1			N. Y.
<i>Protea reflexa</i>	do.	1			N. Y.
<i>Protea</i> sp.	do.	1			N. Y.
<i>Prunus domestica</i> (plum)	Portugal	1			N. Y.
<i>Rosa</i> sp.	do.	1			N. Y.
<i>Saccharum officinarum</i> (sugarcane)	Mexico, Portugal	2			N. Y., Tex.
Soil	Azores, Italy	1		2	Mass., N. Y.
<i>Strelitzia</i> sp.	Italy	2			N. Y.
<i>Thamnochortus dichotomus</i>	Union of South Africa	1			N. Y.
<i>Tritonia</i> sp.	Portugal			1	N. Y.
<i>Vitis</i> sp. (grape)	Chile, Union of South Africa	4			N. Y.
<i>Iridomyrmex iniquus</i> Mayr (Formicidae):					
<i>Cattleya</i> spp. (orchid)	Brazil			1	N. J.
<i>Oncidium</i> sp. (orchid)	Guatemala			1	N. J.
<i>Peristeria</i> sp. (orchid)	do.			1	N. J.
<i>Iridomyrmex leucomelas</i> Von Ihering (Formicidae):					
Orchid	Brazil			1	P. R.
<i>Iadera sanguinolenta</i> (F.) (Coreidae):					
Automobile	Mexico	1			Tex.
<i>Kaloterms immigrans</i> Snyder (Kalotermitidae):					
Wood	Panama	1			Va.
<i>Kaloterms snyderi</i> Light (Kalotermitidae):					
<i>Cedrus</i> sp. (cedar)	Bermuda	1			Md.
<i>Gleidocerys godmani</i> Dist. (Lygaeidae):					
Orchid	Mexico			1	Tex.
<i>Campetia equestris</i> (F.) (Syrphidae):					
<i>Allium sativum</i> (garlic)	Chile		1		N. Y.
<i>Brassica rapa</i> (turnip)	Sweden		1		N. Y.
<i>Leucojum vernum</i> (spring snowflake)	Netherlands			1	Mass.
<i>Leucojum</i> sp.	do.			1	N. Y.
<i>Muscari comosum</i> (cippolino)	Italy, Morocco	2			N. Y.
<i>Narcissus nanus</i>	Netherlands			2	Mass.
<i>Narcissus triandrus</i>	do.			1	Mass.
<i>Narcissus</i> sp.	England, France, Netherlands			24	Calif.,* Ill., Mass., Mich., Minn., N. J., N. Y., Pa.
<i>Amphipides boeticus</i> (L.) (Lycaenidae):					
<i>Canavalia</i> sp.	Hawaii	7			Calif.*

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<i>Laspeyresia splendana</i> (Hbn.) (Olethreutidae): <i>Castanea</i> sp. (chestnut)	Azores, England, France, Greece, Italy, Japan, Madeira Islands, Portugal, Spain, Switzerland.	133	1	---	Calif.,* Mass., N. N. Y., Or. Pa., Te. Va.
<i>Mespilus germanica</i> (medlar)	Italy	1	---	---	N. Y.
<i>Laspeyresia strobilella</i> (L.) (Olethreutidae): <i>Picea</i> sp. (spruce)	Germany	1	---	---	N. Y.
<i>Lecanium coryli</i> (L.) (Coccidae): <i>Sorbus argentea</i> (sargent mountain-ash)	England	---	---	1	N. J.
<i>Lechriops psidii</i> Mshl. (Curculionidae): <i>Psidium guajava</i> (guava)	Puerto Rico	2	---	---	N. Y., P. R.
<i>Lema bilineata</i> Germ. (Chrysomelidae): Airplane	Unknown	---	1	---	P. R.
<i>Lepidinus fraxini</i> (Panz.) (Scolytidae): <i>Fraxinus</i> sp. (ash)	England	1	---	---	N. Y.
<i>Lepidosaphes chinensis</i> Chamb. (Coccidae): <i>Camellia japonica</i>	Japan	---	---	1	Calif.*
<i>Lepidosaphes conchiformis</i> (Gmel.) (Coccidae): <i>Diospyros</i> sp. (persimmon)	Japan	1	---	---	Hawaii.
<i>Malus sylvestris</i> (apple)	Japan, Korea	---	2	---	Calif.,* Wa.
" <i>Lepidosaphes</i> " <i>esakii</i> Takah. (Coccidae): <i>Cocos nucifera</i> (coconut)	Guam	1	---	---	Calif.*
<i>Lepidosaphes ficus</i> (Sign.) (Coccidae): <i>Ficus carica</i> (fig)	Greece, Italy	---	---	8	N. J., N. Y.
<i>Lepidosaphes japonica</i> Kuw. (Coccidae): <i>Abies</i> sp. (fir)	Japan	---	1	---	Wash.
<i>Lepidosaphes newsteadii</i> (Sule.) (Coccidae): <i>Juniperus</i> sp.	Japan	---	---	3	Calif.*
<i>Pinus</i> sp. (pine)	Italy	---	1	---	N. J.
<i>Lepidosaphes pallida</i> (Green) (Coccidae): <i>Juniperus</i> sp.	Japan	---	---	3	Wash.
<i>Lepidosaphes philococcus</i> (Ckll.) (Coccidae): Cactus	Mexico	---	---	1	Tex.
<i>Opuntia</i> sp. (cactus)	do	---	---	1	Tex.
<i>Lepidosaphes punicae</i> Laing (Coccidae): <i>Vanilla</i> sp. (orchid)	Guam	---	---	1	Calif.*
<i>Lepidosaphes tokionis</i> (Kuw.) (Coccidae): <i>Codiaeum variegatum</i> (croton)	Costa Rica, Hawaii, Mexico, Netherlands, East Indies, Panama, Philippines.	4	1	7	Calif.,* N. Wash.
<i>Lepidosaphes tuberculata</i> Malen. (Coccidae): <i>Cymbidium</i> sp. (orchid)	Australia, Belgium, England, India, Madeira Islands	1	---	41	Calif.,* Haw. N. J. Mass.
<i>Leptoglossus chilensis</i> Spinola (Coreidae): <i>Vitis</i> sp. (grape)	Chile	4	---	---	N. Y.
<i>Leucaspis cockerelli</i> (de Charmoy) (Coccidae): <i>Citrus aurantifolia</i> (lime)	Canal Zone, Panama	---	2	---	Calif.*
<i>Citrus paradisi</i> (grapefruit)	Honduras	---	1	---	Calif.*
<i>Citrus sinensis</i> (orange)	Canal Zone	---	3	---	Calif.*
<i>Leucaspis indica</i> Marl. (Coccidae): <i>Mangifera indica</i> (mango)	Cuba	---	1	---	Fla.*
<i>Leucaspis loewi</i> Colvee (Coccidae): <i>Pinus halepensis</i> (aleppo pine)	Israel	1	---	---	N. Y.
<i>Pinus</i> sp. (pine)	Italy, Norway	3	---	---	N. Y.
<i>Leucaspis riccae</i> Targ. (Coccidae): <i>Olea europaea</i> (olive)	Greece	1	---	---	N. Y.
<i>Leucaspis signoreti</i> (Targ.) (Coccidae): <i>Pinus nigra</i> <i>poiretiana</i>	Corsica (?)	---	---	1	N. J.
<i>Pinus</i> sp.	France	---	---	1	N. J.
<i>Leucinodes orbornalis</i> Guen. (?) (Pyraustidae): <i>Solanum melongena</i> (eggplant)	India	---	1	---	Mass.
<i>Lichtensia lutea</i> (Ckll.) (Coccidae): <i>Codiaeum variegatum</i> (croton)	Mexico	---	---	1	Calif.*

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<i>Ligyrocoris abdominalis</i> (G.-M.) (Lygaeidae):					
<i>Bromelia pinguin</i> (?)	Mexico			1	Tex.
Orchid	do			3	Tex.
<i>Ligyrocoris aurivilliana</i> (Dist.) (Lygaeidae):					
Agave sp.	do			1	Tex.
<i>Capsicum frutescens grossum</i> (sweetbell red pepper).	do	1			Ariz.
<i>Cucumis melo cantalupensis</i> (cantaloupe)	do	1			Ariz.
<i>Lycopersicon esculentum</i> (tomato)	do	5			Tex.
Orchid	do			2	Tex.
<i>Ligyrocoris nitidicollis</i> (Stal) (Lygaeidae):					
Cactus	do			1	Tex.
<i>Mammea americana</i> (mamey)	do	1			Tex.
Orchid	do			5	Tex.
<i>Tillandsia</i> sp.	do			1	Tex.
<i>Limothrips cerealium</i> Hal. (Thripidae):					
<i>Avena sativa</i> (oat)	Argentina	1			Tex.
<i>Lincus rufospilatus</i> (Westw.) (Pentatomidae):					
<i>Cattleya</i> sp. (orchid)	Colombia			1	N. J.
<i>Lineodes integra</i> (Zell.) (Pyraustidae):					
<i>Lycopersicon esculentum</i> (tomato)	Mexico	4			Ariz., Calif. Tex.
<i>Lochmaea suturalis</i> (Thoms.) (Chrysomelidae):					
<i>Calluna vulgaris</i> (heather)	Scotland	1			Ill.
<i>Loxostege heivialis</i> (Wlk.) (Pyraustidae):					
<i>Portulaca</i> sp.	Mexico	1			La.
<i>Loxostege similalis</i> (Guen.) (Pyraustidae):					
<i>Portulaca oleracea</i> (purslane)	do	1			Tex.
<i>Lygaeus circumpectatus</i> Dist. (Lygaeidae):					
<i>Citrus aurantifolia</i> (sour lime)	do	1			Tex.
Orchid	do			1	Tex.
<i>Lygaeus consanguinitus</i> Dist. (Lygaeidae):					
<i>Persea americana</i> (avocado)	do	1			Tex.
<i>Lygaeus teapensis</i> Dist. (Lygaeidae):					
<i>Gossypium</i> sp. (cotton)	do	1			Tex.
<i>Lygaeus vittiscutis</i> Stal (Lygaeidae):					
Orchid	do			2	Tex.
<i>Macropygium reticulare</i> (F.) (Pentatomidae):					
Orchid	do			1	Ariz.
<i>Macrosiphoniella oblonga</i> (Mordv.) (Aphidae):					
<i>Chrysanthemum</i> sp.	Netherlands	1			N. Y.
<i>Mamestra brassicae</i> (L.) (Phalaenidae):					
<i>Brassica oleracea botrytis</i> (cauliflower)	England, France, Netherlands.		3		N. Y.
<i>Brassica oleracea capitata</i> (cabbage)	France, Italy		3		N. Y.
<i>Fragaria</i> sp. (strawberry)	Italy		1		N. Y.
<i>Trifolium repens</i> var. (shamrock)	Ireland	1			N. Y.
<i>Maruca testulalis</i> (Csy.) (Pyraustidae):					
<i>Cajanus cajan</i> (pigeonpea)	Puerto Rico	16			Fla.* P. R., N. Y.
<i>Canavalia</i> sp.	Hawaii	4		1	Calif.,* Hawaii.
Herb	Puerto Rico	1			N. Y.
<i>Phaseolus lunatus macrocarpus</i> (lima bean)	Cuba	3			N. Y.
<i>Phaseolus vulgaris</i> var. (string bean)	Brazil, British Guiana, Hawaii, Puerto Rico, Venezuela.	3	6		Ala., Calif.,* Fla.,* Hawaii, N. Y. Pa., P. R.
<i>Megastigmus pistaciae</i> Wlk. (Torymidae):					
<i>Pistacia</i> sp. (pistache)	Syria	1			Tex.
<i>Megastigmus suspectus</i> Borries (Torymidae):					
<i>Abies cephalonica</i> (Greek fir)	Italy			1	N. J.
<i>Megophthalmus scanicus</i> (Fall.) (Cicadellidae):					
<i>Trifolium repens</i> var. (shamrock)	Ireland	3			N. Y.
<i>Melolontha melolontha</i> (L.) (Scarabaeidae):					
Airplane	Unknown		1		N. Y.
<i>Metamasius sericeus</i> (Oliv.) (Curculionidae):					
<i>Musa paradisiaca sapientum</i> (banana)	Costa Rica, Ecuador, Panama.	15			Calif.,* La.

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<i>Metamasius sericeus</i> (Oliv.) var. (Curculionidae): <i>Musa paradisica sapientum</i> (banana).....	Colombia, Ecuador, Honduras.	5	---	---	N. Y., S. C.
<i>Micrelus ericae</i> Gyll. (Curculionidae): <i>Calluna</i> sp.....	Scotland	1	---	---	N. J.
<i>Microplat interrupta</i> Fieber (Lygaeidae): <i>Sedum</i> sp.....	Italy	---	---	1	N. Y.
<i>Mimosestes dominicanus</i> (Jek.) (Bruchidae): Airplane.....	Mexico	---	1	---	Tex.
<i>Caesalpinia coriaria</i> (divi-divi).....	Colombia, Dominican Republic, Netherlands West Indies, Trinidad.	5	---	---	N. Y.
<i>Mimosestes sallaei</i> (Sharp) (Bruchidae): <i>Acacia farnesiana</i> (sweet acacia).....	Honduras	1	---	---	D. C.
<i>MitrapSYlla albolineata</i> Crawf. (Psyllidae): Airplane.....	Mexico	---	1	---	Tex.
<i>Monomorium destructor</i> (Jerd.) (Formicidae): <i>Phalaenopsis amabilis</i> (orchid).....	Philippines	---	---	1	Hawaii.
<i>Saccharum officinarum</i> (sugarcane).....	Antigua	1	---	---	P. R.
<i>Moodna bisinuella</i> Hamp. (Phycitidae): <i>Zea mays</i> (corn).....	Mexico	9	---	---	Tex.
<i>Mordellistena catleyana</i> Champ. (Mordellidae): Orchid.....	Brazil, Mexico	---	---	2	Fla.
<i>Morganella longispina</i> (Morg.) (Coccidae): <i>Citrus paradisi</i> (grapefruit).....	Bahamas, Puerto Rico	---	2	---	Calif.*, Fla.*
<i>Citrus sinensis</i> (orange).....	Bahamas	---	1	---	Fla.*
<i>Nerium oleander</i> (oleander).....	do	---	1	---	Fla.*
<i>Myelobia smerintha</i> (Hbn.) (Galleriidae): Bamboo.....	Mexico	1	---	---	Tex.
<i>Myelois ceratoniae</i> Zell. (Phycitidae): <i>Cerantonis siliqua</i> (carob).....	Yugoslavia	2	---	---	Calif.*
<i>Punica granatum</i> (pomegranate).....	Italy	3	---	---	N. Y.
<i>Myiopardalis pardalina</i> (Big.) (Tephritidae): <i>Cucumis melo flexuosus</i> (snake melon).....	Lebanon	1	---	---	N. Y.
<i>Myrmedobia tenella</i> (Zett.) (Microphysidae): <i>Wisteria</i> sp.....	Switzerland	---	---	2	N. J.
<i>Myzaphis bucktoni</i> Jacob (?) (Aphidae): <i>Rosa</i> sp.....	Mexico	2	---	---	Calif.*, Tex.
<i>Myzus ascalonicus</i> Doncaster (?) (Aphidae): <i>Allium ascalonicum</i> (shallot).....	England	---	---	1	Wash.
<i>Glinidolus</i> sp.....	England, Netherlands	---	---	2	N. J., N. Y.
<i>Lilium tigrinum</i> (tiger lily).....	Netherlands	---	---	1	N. J.
<i>Nasutitermes corniger</i> (Motsch.) (Termitidae): <i>Svietenia mahagoni</i> (mahogany).....	Honduras	1	---	---	La.
<i>Nasutitermes nigriceps</i> (Haldeman) (Termitidae): Orchid.....	Guatemala	---	1	---	La.
<i>Neoclytus cacticus</i> Chevr. (Cerambycidae): <i>Guajacum officinale</i> (lignum vitae).....	Guatemala, Nicaragua	4	---	---	Calif.*
Wood.....	Venezuela	---	---	2	N. J.
<i>Neodryocoetes caribaeus</i> Blkm. (Scolytidae): <i>Vicia faba</i> (broadbean).....	Trinidad	---	1	---	Tex.
<i>Neoleucinodes elegantalis</i> (Guen.) (Pyraustidae): <i>Capsicum frutescens</i> (pepper).....	Brazil	---	1	---	Tex.
<i>Lycopersicon esculentum</i> (tomato).....	Mexico	48	---	---	Tex.
<i>Solanum melongena</i> (eggplant).....	do	1	---	---	Tex.
<i>Neoleucon horribilis</i> Dist. (Miridae): <i>Philodendron</i> sp.....	do	---	---	1	Tex.
<i>Nephotettix apicalis</i> (Motsch.) (Cicadellidae): In box with orchid leaves.....	Siam	---	---	1	Hawaii.
<i>Newsteadia floccosa</i> (Deg.) (Coccidae): Woods moss.....	England	---	---	1	N. J.
<i>Niphona picticornis</i> Muls. (Cerambycidae): <i>Acacia</i> sp.....	France	1	---	---	Mass.
<i>Nysius coenosulus</i> Stal (Lygaeidae): Airplane.....	Hawaii	---	1	---	Hawaii.
<i>Anthurium</i> sp.....	do	1	---	---	Hawaii.
<i>Vanda</i> sp. (orchid).....	do	1	---	---	Hawaii.

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<i>Nysius dallasi</i> White (Lygaeidae): Airplane	Hawaii		2		Hawaii.
<i>Nysius delectus</i> White (Lygaeidae): Airplane	do		1		Hawaii.
<i>Nysius terrestris</i> Usinger (Lygaeidae): Airplane	Hawaii, Midway Island		3		Hawaii.
<i>Odonaspis greeni</i> Ckll. (Coccidae): <i>Rambusa</i> sp. (bamboo)	Guam			1	Calif.*
<i>Oedionychis decorata</i> (Blanch.) (Chrysomelidae): <i>Prunus domestica</i> (plum)	Chile	1			N. Y.
<i>Oedopeza pogonocheroides</i> Serv. (Cerambycidae): <i>Samanea saman</i> (raintree saman)	Brazil	1			N. Y.
<i>Ogdoecosta biannularis</i> (Boh.) (Chrysomelidae): Bromeliad	Mexico			1	Tex.
Orchid	Guatemala			1	Tex.
<i>Orthezia praelonga</i> Dougl. (Coccidae): <i>Casuarina</i> sp. (Australian pine)	Aruba	1			N. Y.
<i>Codiaeum</i> sp. (croton)	do	1			N. Y.
<i>Ortheziola signoreti</i> (Haller) (Coccidae): Woods moss	France			1	N. J.
<i>Orthochaetes setiger</i> (Beck.) (Curculionidae): <i>Lilium</i> sp. (lily)	England			1	Ill.
<i>Orthotomicus erosus</i> (Woll.) (Scolytidae): <i>Pinus</i> sp. (pine)	Portugal	1			La.
<i>Orthotomicus laricis</i> (F.) (Scolytidae): <i>Pinus</i> sp.	do	1			La.
<i>Orycaenus hyalinipennis</i> (Costa) (Lygaeidae): <i>Gossypium</i> sp. (cotton; boll)	Gold Coast			1	D. C.
<i>Orycaenus laetus</i> Kirby (Lygaeidae): <i>Gossypium</i> sp. (cotton; lint)	India			1	D. C.
<i>Oryctonia jucunda</i> (Fald.) (Scarabaeidae): Soil around dwarf quince tree	Japan		1		Wash.
<i>Orydema longulum</i> (Boh.) (Curculionidae): <i>Heliconia</i> sp.	Hawaii	1			Hawaii.
<i>Ozineus prolixus</i> Melzer (Cerambycidae): Stem	Brazil			1	N. Y.
<i>Ozophora consanguineus</i> (Dist.) (Lygaeidae): Orchid	Mexico			1	Tex.
<i>Pachybrachius nietneri</i> (Dohrn) (Lygaeidae): <i>Litchi chinensis</i> (lychee)	Philippines	1			Hawaii.
<i>Vanda</i> sp. (orchid)	do			1	Hawaii.
<i>Pachybrachius nigriceps</i> (Dallas) (Lygaeidae): <i>Vanda denisoniana</i> (orchid)	Siam			1	Calif.*
<i>Pachyzancla bipunctalis</i> (F.) (Pyraustidae): <i>Centaurea cyanus</i> (bachelors-button)	Mexico	1			Tex.
<i>Gomphrena dispersa</i>	Puerto Rico	1			P. R.
<i>Pachyzancla periusalis</i> (Wlk.) (Pyraustidae): Weed	do	1			N. Y.
<i>Palaeopus costicollis</i> Mshll. (Curculionidae): <i>Dioscorea</i> sp. (yam)	Jamaica	1			N. Y.
<i>Zingiber officinale</i> (ginger)	do	1			N. Y.
<i>Pantomorus godmani</i> (Crotch) (Curculionidae): Airplane	Philippines		1		Hawaii.
<i>Portulaca oleracea</i> (purslane)	Mexico	1			Tex.
<i>Paraleyrodes citricolus</i> Costa Lima (Aleyrodidae): <i>Citrus aurantium</i> (sour orange)	Colombia	1			N. Y.
<i>Gardenia augusta</i> (gardenia)	Mexico	1			Tex.
<i>Paraleyrodes goyabae</i> (Goeldi) (?) (Aleyrodidae): <i>Psidium guajava</i> (guava)	do	1			Ariz.
<i>Parallelodiplosis cattleleyae</i> (Moll.) (Itonididae): <i>Cattleya skinneri</i> (orchid)	Canal Zone			1	N. J.
Orchid	Cuba			2	Fla.
<i>Parlatoria camelliae</i> Comst. (Coccidae): <i>Camellia japonica</i> (camellia)	Japan, Mexico	1		2	Calif.* Ha- wail, Tex.
<i>Camellia</i> sp.	China, Japan, New Zealand			11	Calif.*

List of pests (insects) collected and reported from July 1, 1949, to June 30, 1950
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Insect and host	Country of origin	Number of interceptions in—			Collected in
		Consumption	Nonentry	Propagation	
<i>Parlatoria cinerea</i> Hadden (Coccidae):					
<i>Citrus aurantifolia</i> (sour lime).....	Brazil, Mexico.....		5		Calif.*
<i>Citrus limon</i> (lemon).....	Brazil.....		3		Calif.*
<i>Citrus paradisi</i> (grapefruit).....	Argentina, Brazil, Cuba.....		4		Calif.*, Fla.*
<i>Citrus sinensis</i> (orange).....	Argentina, Brazil, Mexico, Spain.....		14		Calif.*, Fla.*
<i>Parlatoria crotonis</i> Dougl. (Coccidae):					
<i>Codiaeum variegatum</i> (croton).....	Cuba, Hawaii.....			2	Calif.*, Va.
<i>Parlatoria morrisoni</i> McKenzie (Coccidae):					
<i>Mangifera indica</i> (mango).....	India.....		1		N. Y.
<i>Nerium oleander</i> (oleander).....	Saudi Arabia.....	1			N. Y.
<i>Parlatoria oleae</i> (Colvee) (Coccidae):					
<i>Cydonia oblonga</i> (quince).....	Italy.....	2			N. Y.
<i>Diospyros</i> sp. (persimmon).....	do.....	4			N. Y.
<i>Ficus carica</i> (fig).....	do.....			2	N. J., N. Y.
<i>Malus sylvestris</i> (apple).....	Greece, Italy, Lebanon.....	8	1		N. Y.
<i>Olea europaea</i> (olive).....	Greece.....	1			N. Y.
<i>Pyrus communis</i> (pear).....	England, Italy, Spain.....	1	3	1	Fla.*, N. Y.
<i>Rosa</i> sp.....	Greece.....			2	N. J.
<i>Vitis</i> sp. (grape).....	Italy.....			1	N. Y.
<i>Parlatoria pseudaspidiotus</i> (Ldgr.) (Coccidae):					
<i>Acerides quinguevulnera</i> (orchid).....	Philippines.....			1	Calif.*
<i>Dendrobium infundibulum</i> (orchid).....	Siam.....			1	Calif.*
Orchid.....	Trinidad.....			1	Fla.
<i>Vanda teres</i> (orchid).....	Batavia, Guam.....			2	Calif.*, N. J.
<i>Vanda</i> sp. (orchid).....	Hawaii, Philippines.....			5	Calif.*, Hawaii.
<i>Parlatoria theae</i> Ckll (Coccidae):					
<i>Acer</i> sp. (maple).....	Japan.....			1	Calif.*
<i>Euonymus</i> sp.....	do.....			1	Calif.*
<i>Punica</i> sp.....	do.....			1	Calif.*
<i>Parlatoria zizyphus</i> (Lucas) (Coccidae):					
<i>Citrus aurantifolia</i> (sour lime).....	China.....		1		Calif.*
<i>Citrus limon</i> (lemon).....	Italy.....	2	11		Calif.*, Pa.
<i>Citrus paradisi</i> (grapefruit).....	Egypt.....		1		Pa.
<i>Citrus reticulata</i> (Mandarin orange).....	China, Philippines, Saudi Arabia.....	3	1		Calif.*, Minn.
<i>Citrus sinensis</i> (orange).....	Algeria, China, Italy.....	1	3		Calif.*, Hawaii, Pa.
<i>Citrus</i> sp.....	China, Italy.....	2			Fla.*, N. Y.
<i>Paromius gracilis</i> (Rambur) (Lygaeidae):					
<i>Ornithogalum thyrsoides</i> (chinkerichee).....	Union of South Africa.....	1			N. Y.
<i>Pectinophora gossypiella</i> (Saund.) (Gelechiidae):					
<i>Gossypium</i> sp. (cottonseed).....	Antigua, Egypt, Hawaii, India, Japan, Lebanon, Mexico, Puerto Rico, Siam, Syria.....	16	9	4	Calif.*, D. C., Hawaii, N. Y., Pa., P. R., Tex., Va.
<i>Gossypium</i> sp. (seed cotton).....	Hawaii, Mexico, Puerto Rico, Philippines.....	9	2	1	Hawaii, P. R., Tex.
<i>Gossypium</i> sp. (cotton; boll).....	Gold Coast, Hawaii, Venezuela, Virgin Islands.....	2		2	Calif.*, D. C., N. Y.
<i>Hibiscus esculentus</i> (okra).....	Brazil, Dominican Republic, India, Puerto Rico.....	1	4	1	Ala., D. C., N. Y., Pa., P. R.
<i>Penicthor fasciata</i> Steph. (Cerambycidae):					
<i>Allium sativum</i> (garlic).....	Italy.....	1			N. Y.
<i>Perkinsiella saccharicida</i> Kirk. (Delphacidae):					
Airplane.....	Hawaii.....			1	Hawaii.
<i>Perkinsiella vastatrix</i> Bredd. (Delphacidae):					
Airplane.....	South Pacific.....			1	Hawaii.
<i>Phalonia zephyrana</i> (Treit.) (Phaloniidae):					
<i>Daucus carota</i> (carrot).....	France, French West Africa, Germany, Italy.....	1	4		Md., N. Y.
<i>Phatnoma annulipes concisa</i> Drake (Tingidae):					
Orchid.....	Mexico.....			2	Tex.

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<i>Pheidole megacephala</i> (F.) (Formicidae):					
<i>Ananas comosus</i> (pineapple).....	Cuba.....	2			N. Y.
<i>Dioscorea</i> sp. (yam).....	St. Kitts.....	1			Mass.
<i>Gladiolus</i> sp.....	Argentina.....	1			N. Y.
<i>Hibiscus</i> sp.....	Bermuda.....	2			N. Y.
<i>Lilium</i> sp. (lily).....	do.....	1			N. Y.
<i>Nerium oleander</i> (oleander).....	do.....	1			N. Y.
Soil with potted plants.....	Honduras.....		1		Ala.
<i>Phelomerus aberrans</i> (Sharp) (Bruchidae):					
<i>Cassia</i> sp.....	Canal Zone, Honduras.....	3			La.
<i>Phenacaspis aucubae</i> (Cooley) (Coccidae):					
<i>Ilex</i> sp.....	Japan.....			1	Wash.
<i>Phenacaspis sandwicensis</i> Fullaway (Coccidae):					
Araceae.....	Hawaii.....			1	Calif.*
<i>Cocos nucifera</i> (coconut).....	do.....	1			Calif.*
<i>Nerium</i> sp.....	do.....	1			Calif.*
<i>Strelitzia reginae</i> (bird-of-paradise-flower).....	do.....	1			Calif.*
<i>Phenacoccus azaleae</i> Kuw. (Coccidae):					
<i>Rhododendron</i> sp.....	Japan.....			1	Hawaii.
<i>Phenacoccus madeirensis</i> Green (Coccidae):					
<i>Mentha</i> sp. (mint).....	Madeira Islands.....	1			Mass.
<i>Ruta</i> sp.....	do.....	2			Mass.
<i>Phloeotribus scarabaeoides</i> (Bern.) (Scolytidae):					
<i>Olea europaea</i> (olive).....	Italy.....			2	N. J., N. Y.
<i>Phlyctinus callosus</i> Boh. (Curculionidae):					
<i>Vitis</i> sp. (grape).....	Union of South Africa.....	1			N. Y.
<i>Phyllotreta atra</i> (F.) (Chrysomelidae):					
<i>Brassica oleracea capitata</i> (cabbage).....	Italy.....		1		N. Y.
<i>Phyllotreta cruciferae</i> (Goeze) (Chrysomelidae):					
<i>Brassica oleracea capitata</i> (cabbage).....	do.....		1		N. Y.
<i>Physonota disjuncta</i> (Chev.) (Chrysomelidae):					
Orchid.....	Mexico.....			1	Ariz.
<i>Physorhinus distigma</i> Cand. (Elateridae):					
Orchid.....	do.....			1	Tex.
<i>Pieris brassicae</i> (L.) (Pieridae):					
<i>Brassica oleracea botrytis</i> (cauliflower).....	Italy.....		1		N. Y.
<i>Brassica oleracea capitata</i> (cabbage).....	France, Portugal.....		2		Pa.
<i>Foeniculum vulgare</i> (fennel).....	Italy.....			1	N. Y.
<i>Pinnaaspis buzi</i> (Bouche) (Coccidae):					
<i>Arecastrum romanzoffianum</i> (queenpalm).....	Brazil.....			1	D. C.
Bromeliad.....	Canal Zone.....			1	Calif.*
<i>Cocos nucifera</i> (coconut).....	Panama.....	2			Calif.*
<i>Dendrobium gracilicaule</i> (orchid).....	Australia.....			1	Calif.*
<i>Howea</i> sp. (palm).....	Panama.....			1	N. J.
<i>Monstera</i> sp.....	Antigua.....			1	Fla.
<i>Philodendron</i> sp.....	Brazil, Hawaii.....	3		4	Calif.,* Tex.
<i>Pinnaaspis uniloba</i> (Kuw.) (Coccidae):					
<i>Alyria olivaeformis</i> (maile alyxia).....	Hawaii.....	5			Calif.*
<i>Pityogenes bidentatus</i> (Hbst.) (Scolytidae):					
<i>Pinus</i> sp. (pine).....	Germany, Netherlands, Poland.....	3			Ala., Tex.
Wood.....	Netherlands.....	1			Calif.*
<i>Pityogenes chalcographus</i> (L.) (Scolytidae):					
<i>Picea</i> sp. (spruce).....	Norway, Sweden.....	7			N. Y.
<i>Pinus</i> sp. (pine).....	Belgium, Germany, Netherlands, Norway, Sweden.....	8			Ala., Ill., La., N. Y., Tex.
Wooden crate.....	Sweden.....	3			Calif.,* N. Y.
<i>Plagioderma semivittata</i> Stal (Chrysomelidae):					
<i>Bromelia pinguin</i> (?).....	Mexico.....			1	Tex.
Orchid.....	do.....			2	Tex.
<i>Plagioderma thymaloides</i> Stal (Chrysomelidae):					
Cactus.....	do.....			1	Tex.
Orchid.....	do.....			6	Tex.
<i>Platognathus arbustorum</i> (F.) (Miridae):					
<i>Rosa</i> sp. (rose).....	Sweden.....	1			N. Y.

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<i>Platynota rostrana</i> (Wlk.) (Tortricidae):					
<i>Ananas comosus</i> (pineapple)	Cuba, Mexico	2			N. Y., Tex.
<i>Capsicum frutescens grossum</i> (sweetbell red-pepper).	Mexico	1			Calif.*
<i>Gardenia augusta</i> (gardenia)	do.	1			Tex.
<i>Lycopersicon esculentum</i> (tomato)	do.	4			Tex.
<i>Rosa</i> sp. (rose)	do.	1			Tex.
<i>Sechium edule</i> (chayote)	Puerto Rico	1			N. Y.
<i>Platypus rugulosus</i> Chap. (Platypodidae):					
<i>Ananas comosus</i> (pineapple)	Mexico	1			Tex.
<i>Cedrela mexicana</i> (?)	Costa Rica	1			La.
<i>Copaifera hemitomophylla</i> (cative)	do.	4			S. C.
<i>Cybastax donnell-smithi</i> (primavera)	Guatemala	1			La.
<i>Dalbergia</i> sp. (rosewood)	Brazil	1			N. Y.
<i>Persea americana</i> (avocado)	Mexico	1			Tex.
<i>Platysaissetia castilloae</i> (Ckll.) (Coccidae):					
<i>Hibiscus</i> sp.	do.			1	Ariz.
<i>Plinthisus brevipennis</i> (Latr.) (Lygaeidae):					
Moss and soil packing	Italy	1			N. Y.
<i>Plinthisus minutissimus</i> Fieber (Lygaeidae):					
Packing	do.			1	Ill.
<i>Podagrica malvae</i> (Ill.) (Chrysomelidae):					
<i>Lilium candidum</i> (Madonna lily)	France			1	N. J.
<i>Pogonocherus fasciculatus</i> Deg. (Cerambycidae):					
<i>Picea</i> sp. (spruce)	Finland	1			N. Y.
" <i>Poliaspis</i> " <i>pini</i> (Mask.) (Coccidae):					
<i>Pinus</i> sp. (2-leaved pine)	Japan	2		3	Oreg., Wash.
<i>Pollinia pollini</i> (Costa) (Coccidae):					
<i>Olea europaea</i> (olive)	France			1	N. J.
<i>Polychrosis botrana</i> (Schiff.) (Olethreutidae):					
<i>Vitis</i> sp. (grape)	Lebanon	1			N. Y.
<i>Polygraphus polygraphus</i> (L.) (Scolytidae):					
<i>Pinus</i> sp. (pine)	Germany	1			Ala.
<i>Prays endocarpa</i> (Meyr.) (Hyponomeutidae):					
<i>Citrus grandis</i> (pummelo)	Philippines		1		Calif.*
<i>Prays oleellus</i> (F.) (Hyponomeutidae):					
<i>Olea europaea</i> (olive)	Italy	5			Ill., N. Y., Pa.
<i>Protopulvinaria longivalvata</i> (Green) (Coccidae):					
<i>Cattleya mossiae</i> (orchid)	Venezuela			1	Calif.*
<i>Gardenia augusta</i> (gardenia)	Cuba, Puerto Rico, Trinidad, Venezuela.	7	2		Ala., Fla., *N.Y. P. R.
<i>Protopulvinaria pyriformis</i> (Ckll.) (Coccidae):					
<i>Philodendron</i> sp.	Venezuela			1	Fla.
<i>Pseudaonidia tessarata</i> (de Charm.) (Coccidae):					
<i>Catasetum</i> sp. (orchid)	Panama			2	N. J.
Orchid	Colombia			1	Tex.
<i>Pseudaonidia trilobitiformis</i> (Green) (Coccidae):					
<i>Citrus aurantifolia</i> (lime)	Argentina		1		P. R.
<i>Citrus limon</i> (lemon)	Brazil		2		Calif.*
<i>Mangifera indica</i> (mango)	Belgian Congo	1			N. Y.
<i>Spondias cytherea</i> (vi-apple)	Unknown	1			Fla.*
<i>Zizyphus jujuba</i> (jujube)	Trinidad	1			N. Y.
<i>Pseudischnaspis alienus</i> (Newst.) (Coccidae):					
<i>Cattleya percivaliana</i> (orchid)	Venezuela			1	Calif.*
<i>Epidendrum</i> sp. (orchid)	Guatemala			1	Tex.
<i>Laelia autumnalis</i> (orchid)	Mexico			1	Calif.*
<i>Odontoglossum citrosum</i> (orchid)	do.			1	Calif.*
Orchid	Canal Zone, Costa Rica, Guatemala, Venezuela.			8	Fla., N. J.
<i>Pseudococcus boninsis</i> (Kuw.) (Coccidae):					
<i>Saccharum officinarum</i> (sugarcane)	Bermuda	1			Mass.
<i>Pseudococcus palmarum</i> (Ehrh.) (Coccidae):					
<i>Cocos nucifera</i> (coconut)	Guam, Hawaii, Philippines.	8	2	3	Calif.*
<i>Pseudococcus pandani</i> (Ckll.) (Coccidae):					
<i>Pandanus</i> sp.	Kwajalein			1	Hawaii.

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<i>Pseudococcus pini</i> Kuw. (Coccidae):					
<i>Pinus parviflora</i> (Japanese white pine).....	Japan.....		1		Pa.
<i>Pinus</i> sp. (two-leaved pine).....	do.....		2		Wash.
<i>Pinus</i> sp.....	do.....		1		Wash.
<i>Pseudococcus probrevipes</i> Morr. (Coccidae):					
<i>Heliconia</i> sp.....	Canal Zone.....			1	Fla.
<i>Pseudoparlatoria ostreata</i> (Ckll.) (Coccidae):					
<i>Camellia japonica</i> (camellia).....	Colombia.....	1			Fla.*
<i>Carica papaya</i> (papaya).....	Cuba.....	1			Fla.*
<i>Oncidium cavendishianum</i> (orchid).....	Guatemala.....		1		Calif.*
Orchid.....	Cuba.....			1	Fla.
<i>Pseudoparlatoria serratulae</i> Towns. & Ckll. (Coccidae):					
<i>Oncidium</i> sp. (orchid).....	Mexico.....		1		Tex.
Orchid.....	do.....		1		Tex.
<i>Psylla rhododendri</i> Puton (Psyllidae):					
<i>Rhododendron</i> sp.....	Switzerland.....			1	N. J.
<i>Psylla uncatu</i> Ferris & Klyver (Psyllidae):					
<i>Acacia</i> sp.....	Australia.....			1	Hawaii.
<i>Psylliodes chrysocephala</i> (L.) (Chrysomelidae):					
<i>Brassica oleracea capitata</i> (cabbage).....	England.....		1		Tex.
<i>Brassica rapa</i> (turnip).....	Italy.....		1		N. Y.
<i>Ptosima undecimmaculata</i> Hbst. (Buprestidae):					
<i>Cynara scolymus</i> (globe artichoke).....	do.....			1	N. Y.
<i>Pulvinaria psidii</i> Mask. (Coccidae):					
<i>Fryophyllum</i> sp.....	Bermuda.....			1	N. Y.
<i>Campsis radicans</i> (trumpet creeper).....	do.....	1			N. Y.
<i>Gardenia augusta</i> (gardenia).....	Hawaii, Mexico, Trinidad.....	1		2	Ala., Ariz., Calif.*
<i>Pitiosporum</i> sp.....	Bermuda.....	1			N. Y.
<i>Pulvinaria tyleri</i> Ckll. (Coccidae):					
Flowers.....	Philippines.....	1			Calif.*
<i>Pulvinaria urbicola</i> (Ckll.) (Coccidae):					
<i>Capsicum frutescens</i> (pepper).....	West Indies.....	1			N. Y.
<i>Puto mexicanus</i> (Ckll.) (Coccidae):					
Orchid.....	Mexico.....			1	Ariz.
<i>Pyrausta nubilalis</i> (Hbn.) (Pyraustidae):					
<i>Sorghum vulgare technicum</i> (broomcorn).....	France, Italy, Switzerland.....	3	1		N. Y., Pa.
<i>Pyrrhocoris apterus</i> (L.) (Pyrrhocoridae):					
<i>Allium cepa</i> (onion).....	Italy.....	1			Mass.
<i>Reticulitermes speratus</i> (Kolbe) (Rhinotermitidae):					
<i>Rhododendron</i> sp.....	Japan.....			1	Hawaii.
<i>Rhagoletis alternata</i> (Fall.) (Tephritidae):					
<i>Rosa</i> sp.....	Unknown.....		1		N. Y.
<i>Rhagoletis alternata</i> (Fall.) (?) (Tephritidae):					
<i>Rosa</i> sp.....	Netherlands.....			1	N. J.
<i>Rhagoletis cerasi</i> (L.) (Tephritidae):					
<i>Prunus</i> sp. (cherry).....	France, Germany, Italy, Spain, Switzerland.....	14	12		Mass., N. Y.
<i>Rhagoletis cerasi</i> (L.) (?) (Tephritidae):					
<i>Prunus</i> sp. (cherry).....	Greece, Sweden.....	1	1		N. Y.
<i>Rhagoletis pomonella</i> (Walsh) (Tephritidae):					
<i>Malus sylvestris</i> (apple).....	Mexico.....	11	1		Tex.
<i>Rhagoletis striatella</i> Wulp (Tephritidae):					
<i>Physalis</i> sp. (husk tomato).....	do.....		1		Tex.
<i>Rhinacloa subpallicornis</i> Knight (Miridae):					
<i>Citrus medica</i> (citron).....	Bermuda.....	1			N. Y.
<i>Gladiolus</i> sp.....	Argentina.....	1			N. Y.
<i>Lantana</i> sp.....	Bermuda.....	1			N. Y.
<i>Rhiobia praeceps</i> Bergroth (Lygaeidae):					
<i>Cryptomeria</i> sp.....	Japan.....			1	Wash.
<i>Rhopalophora incrustata</i> Chevr. (Cerambycidae):					
<i>Chrysanthemum maximum</i> (shasta daisy).....	Mexico.....	1			Tex.

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<i>Rhopalosiphoninus tulipae</i> (Theob.) (Aphidae):					
<i>Apium graveolens</i> (celery)	Netherlands		1		Tex.
<i>Beta vulgaris macrorrhiza</i> (mangel-wurzel)	England		1		N. Y.
<i>Gladiolus</i> sp.	do			2	Ill., N. J.
<i>Raphanus sativus</i> (radish)	Netherlands		1		Pa.
<i>Tulipa</i> sp. (tulip)	do	1		2	La., N. J., N. Y.
<i>Rhyarochromus chiragra</i> (F.) (Lygaeidae):					
Sphagnum moss packing	Germany			1	N. Y.
<i>Ribua innoxia</i> Hein. (Phycitidae):					
<i>Ananas comosus</i> (pineapple)	Cuba	40			La., N. Y.
<i>Scolopostethus decoratus</i> (Hahn) (Lygaeidae):					
Soil with plants	Netherlands			1	N. Y.
<i>Sehirus biguttatus</i> (L.) (Pentatomidae):					
Forest litter	Sweden			1	N. Y.
<i>Selenothrips rubrocinctus</i> (Giard) (Thripidae):					
<i>Rosa</i> sp.	Unknown		1		Tex.
<i>Serica brunnea</i> (L.) (Scarabaeidae):					
Soil with plants	Netherlands			1	N. Y.
<i>Serica brunnea</i> (L.) (?) (Scarabaeidae):					
Soil with <i>Delphinium</i> sp. plant	Sweden			1	N. Y.
<i>Sesamia cretica</i> (Led.) (Phalaenidae):					
<i>Zea mays</i> (corn)	Italy	1			N. Y.
<i>Sesamia vuteria</i> (Stoll) (Phalaenidae):					
<i>Malus sylvestris</i> (apple)	do	1			N. Y.
<i>Opuntia compressa</i> (pricklypear)	do	1			N. Y.
<i>Sinozylon anale</i> Lesne (Bostrichidae):					
Wood	India	4			N. Y., Va.
<i>Sinozylon conigerium</i> Gerst. (Bostrichidae):					
Wood	Hawaii, India	2			Calif., * Mass.
<i>Sinozylon serdentatum</i> (Oliv.) (Bostrichidae):					
Wooden staves	Portugal	1			Va.
<i>Siphoninus phyllirae</i> (Hal.) (Aleyrodidae):					
<i>Punica granatum</i> (pomegranate)	Greece			1	N. J.
<i>Sisamnes contractus</i> Dist. (Lygaeidae):					
<i>Ananas comosus</i> (pineapple)	Mexico	1			Tex.
<i>Sitona lineata</i> (L.) (Curculionidae):					
Airplane	British Columbia, Canada		5		Wash.
<i>Sizeonotus luteiceps</i> Reuter (Miridae):					
Cactus	Mexico		1		Tex.
<i>Mammillaria neummanniana</i> (cactus)	do		1		Tex.
<i>Mammillaria woodsii</i>	do		1		N. J.
<i>Mammillaria</i> sp.	do		3		Tex.
Plant	do		1		Tex.
<i>Sparteus villosus</i> (F.) (Bruchidae):					
<i>Cytisus scoparius</i> (Scotch broom)	Italy		1		N. J.
<i>Cytisus</i> sp.	Belgium, Denmark		3		N. J., Pa., Tex.
<i>Laburnum alpinum</i> (Scotch laburnum)	Italy		1		N. Y.
<i>Mathiola incana</i>	do		1		Mass.
<i>Spartium junceum</i> (weavers-broom)	do		1		N. J.
<i>Sphenarches caffer</i> (Zell.) (Pterophoridae):					
<i>Cajanus cajan</i> (pigeonpea)	Puerto Rico	5			N. Y., P. R.
<i>Spintherus leguminum</i> (Ratz.) (Pteromalidae):					
<i>Vicia sativa</i> (vetch)	Germany	1			Pa.
<i>Stenoma anonella</i> Sepp. (Stenomidae):					
<i>Annona muricata</i> (soursop)	Panama	2			N. Y.
<i>Annona reticulata</i> (custard-apple)	Mexico		1		Fla.*
<i>Stenoma catenifer</i> Wlsm. (Stenomidae):					
<i>Persea americana</i> (avocado)	Brazil, Canal Zone, Colombia, Costa Rica, Ecuador, Honduras, Mexico, Nicaragua, Panama, Peru, Salvador, unknown.	27	10	1	Ala. Calif., La., N. Y., P. R., Tex., Va.
<i>Persea</i> sp.	Colombia		1		Calif.*
<i>Stenoscelis hylastoides</i> Woll. (Curculionidae):					
<i>Vitis</i> sp. (grape)	Union of South Africa	1			N. Y.

List of pests (insects) collected and reported from July 1, 1949, to June 30, 1950, inclusive—Continued

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Insect and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
<i>Stenogrinum quadrinotatum</i> Bates (Cerambycidae):					
<i>Quercus</i> sp. (acorn).....	India (?)	1			N. Y.
<i>Stephanitis pyri</i> (F.) (Tingidae):					
<i>Cotoneaster</i> sp.....	Greece			1	N. J.
<i>Cydonia oblonga</i> (quince).....	Italy	1			N. Y.
<i>Stephanoderes buscki</i> Hopk. (Scolytidae):					
<i>Caesalpinia pulcherrima</i> (Barbados pride).....	Canal Zone			2	Tex.
<i>Dioscorea</i> sp. (yam).....	Barbados	1			Mass.
<i>Murraya</i> sp.....	Canal Zone			2	Tex.
<i>Stephanoderes depressus</i> Eichh. (Scolytidae):					
<i>Cajanus cajan</i> (pigeonpea).....	Puerto Rico	1			P. R.
<i>Stephanoderes hampei</i> (Ferr.) (Scolytidae):					
<i>Coffea</i> sp. (coffee).....	Angola, Brazil, Netherlands East Indies, South America.	3	1	1	Ill., N. Y., Tex.
<i>Stephanoderes lecontei</i> Hopk. (Scolytidae):					
<i>Karwinskia humboldtiana</i>	Mexico	1			Tex.
<i>Sybra alternans</i> Wied. (Cerambycidae):					
With ginger and bird-of-paradise-flower cuttings.	Hawaii	1			Hawaii.
<i>Syrrita oceanica</i> Macq. (Syrphidae):					
<i>Cocos nucifera</i> (coconut).....	do	1			Hawaii.
<i>Taeniothrips atratus</i> (Hal.) (Thripidae):					
<i>Calluna vulgaris</i> (heather).....	Scotland	1			D. C.
<i>Dianthus</i> sp. (carnation).....	Germany	2			N. Y.
<i>Gladiolus</i> sp.....	Denmark	1			N. Y.
<i>Ipomoea batatas</i> (sweetpotato).....	Scotland		1		Ill.
<i>Lathyrus odoratus</i> (sweet pea).....	Sweden	1			N. Y.
<i>Taeniothrips ericae</i> (Hal.) (Thripidae):					
<i>Calluna vulgaris</i> (heather).....	Scotland	2			D. C., Pa.
<i>Taeniothrips hawaiiensis</i> (Morg.) (Thripidae):					
<i>Alycia olivaeformis</i> (maile alyxia).....	Hawaii	1			Calif.*
<i>Canavalia</i> sp.....	do	1			Calif.*
<i>Dianthus</i> sp. (carnation).....	China, Hawaii	3			Calif.,* Hawaii.
<i>Hibiscus</i> sp.....	Hawaii	1			Hawaii.
<i>Jasminum sambac</i> (Arabian jasmine).....	do	1			Hawaii.
<i>Streptocarpus reginae</i> (bird-of-paradise-flower).....	do	1			Calif.*
<i>Talponia batesi</i> Hein. (Olethreutidae):					
<i>Annona cherimola</i> (cherimoya).....	Mexico	5			Tex.
<i>Tanymecus confusus</i> Say (Curculionidae):					
<i>Gladiolus</i> sp.....	do	1			Tex.
" <i>Targionia</i> " <i>bromiliae</i> (Leon.) (Coccidae):					
<i>Ananas comosus</i> (pineapple).....	Azores, Mexico	25			Calif.,* N. Y., Tex.
" <i>Targionia</i> " <i>hartii</i> (Ckll.) (Coccidae):					
<i>Dioscorea</i> sp. (yam).....	Barbados, Canal Zone, Cuba, Nevis, St. Kitts.	12	2		Fla.,* Mass., N. Y.
" <i>Targionia</i> " <i>sacchari</i> (Ckll.) (Coccidae):					
Grass.....	Guam, Puerto Rico	1		1	Calif.,* D. C.
<i>Paspalum</i> sp.....	Nigeria			1	D. C.
<i>Saccharum officinarum</i> (sugarcane).....	Haiti, Honduras, Mexico	2	1		Fla.,* N. Y., Tex.
<i>Tarsonemus laticeps</i> Halb. (Tarsonemidae):					
<i>Narcissus</i> sp.....	England, Netherlands			2	N. J.
<i>Tentecoris angustimarginatus</i> Hsiao & Sailer (Miridae):					
Orchid.....	Mexico			16	Tex.
<i>Tentecoris bicolor</i> Scott (Miridae):					
Orchid.....	do			4	Tex.
<i>Tentecoris confusus</i> Hsiao & Sailer (Miridae):					
Orchid.....	do			10	Tex.
<i>Tentecoris distinguendus</i> Hsiao & Sailer (Miridae):					
<i>Epidendrum</i> sp. (orchid).....	Canal Zone			1	Fla.
Orchid.....	do			2	Fla.
<i>Tentecoris orchidearum</i> Reuter (Miridae):					
<i>Cattleya</i> sp. (orchid).....	Brazil			1	Calif.*

List of pests (insects) collected and reported from July 1, 1949, to June 30, 1950, inclusive—Continued

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<i>Tenthecoris venezuelensis</i> Hsiao & Sailer (Miridae):					
<i>Cattleya</i> sp. (orchid)	Colombia			1	N. J.
<i>Oncidium</i> sp. (orchid)	Venezuela			1	N. J.
<i>Tetraleurodes acaciae</i> (Q.) (Aleyrodidae):					
<i>Bauhinia</i> sp.	Mexico			1	Tex.
<i>Cassia fistula</i> (golden-shower)	Nicaragua			1	Calif.*
<i>Karwinskia humboldtiana</i>	Mexico	1			Tex.
Leaf	Guatemala, Mexico	4			Tex.
<i>Pithecellobium dulce</i> (guamuchil)	Mexico	1			Ariz.
<i>Tetraleurodes fici</i> Q. & B. (Aleyrodidae):					
<i>Xylosma</i> sp.	do			1	Tex.
<i>Tetraleurodes quadratus</i> Sampson & Drews (Aleyrodidae):					
<i>Rosa</i> sp. (rose)	do	1			Tex.
<i>Tetraleurodes ursorum</i> (Ckll.) (Aleyrodidae):					
Leaf	do	1			Tex.
Unknown	Costa Rica			1	Tex.
<i>Tetropium fuscum</i> (F.) (Cerambycidae):					
<i>Picea</i> sp. (spruce)	Norway	1			N. Y.
<i>Thrips angusticeps</i> Uzel (Thripidae):					
<i>Anemone</i> sp.	Netherlands	1			N. Y.
<i>Chrysanthemum</i> sp.	England	1			N. Y.
<i>Dianthus</i> sp. (carnation)	Czechoslovakia, Germany, Italy.	3			N. Y.
Flowers	England		1		Ill.
<i>Lathyrus odoratus</i> (sweet pea)	Sweden	1			N. Y.
<i>Mimosa</i> sp.	Italy	1			N. Y.
<i>Rosa</i> sp.	Czechoslovakia, Germany, Norway.	2	1		N. Y.
<i>Trifolium repens</i> var. (shamrock)	Ireland, North Ireland.	1		1	N. Y.
<i>Thrips flavus</i> Schr. (Thripidae):					
<i>Bellis perennis</i> (English daisy)	Czechoslovakia	1			N. Y.
<i>Chrysanthemum</i> sp.	Unknown	1			N. Y.
<i>Zantedeschia aethiopica</i> (callalily)	Mexico	1			Tex.
<i>Toxotrypana curvicauda</i> Gerst. (Tephritidae):					
<i>Carica papaya</i> (papaya)	do	1			Tex.
<i>Trialeurodes lauri</i> (Sign.) (Aleyrodidae):					
<i>Laurus nobilis</i> (Grecian laurel)	Italy		1		N. Y.
<i>Laurus</i> sp.	do			1	N. Y.
<i>Trialeurodes multipori</i> Russell (Aleyrodidae):					
<i>Quercus</i> sp. (oak)	Mexico	1			Ariz.
<i>Trialeurodes oblongifoliae</i> Russell (Aleyrodidae):					
<i>Quercus</i> sp. (oak)	do	1			Ariz.
<i>Trialeurodes vitrinellus</i> (Ckll.) (Aleyrodidae):					
<i>Citrus sinensis</i> (orange)	do	1			Tex.
<i>Citrus</i> sp.	do	1			Tex.
<i>Trionymus peregrinus</i> (Green) (Coccidae):					
<i>Amaryllis</i> sp.	Netherlands			1	N. J.
<i>Trionymus sacchari</i> (Ckll.) (Coccidae):					
<i>Saccharum officinarum</i> (sugarcane)	Philippines		1		Calif.*
<i>Trioxa urticae</i> (L.) (Psyllidae):					
<i>Brassica oleracea botrytis</i> (cauliflower)	Netherlands		1		Ala.
<i>Tubifera arvorum</i> (F.) (Syrphidae):					
Airplane	Hawaii		3		Hawaii.
<i>Ulopa reticulata</i> (F.) (Cicadellidae):					
<i>Calluna vulgaris</i> (heather)	Scotland			1	N. Y.
<i>Unaspis citri</i> (Comst.) (Coccidae):					
<i>Citrus paradisi</i> (grapefruit)	British West Indies, Jamaica, Mexico, Puerto Rico.	1	3		Calif.,* N. Y.
<i>Citrus sinensis</i> (orange)	Argentina, Brazil		2		Fla.*
<i>Unaspis euonymi</i> (Comst.) (Coccidae):					
<i>Euonymus</i> sp.	Japan			1	Calif.*

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<i>Unaspis yanonensis</i> (Kuw.) (Coccidae):					
<i>Citrus limon</i> (lemon)	Japan		2		Calif.*
<i>Citrus paradisi</i> (grapefruit)	do		1		Calif.*
<i>Citrus reticulata</i> (Mandarin orange)	do	2	1		Calif.*
<i>Citrus sinensis</i> (orange)	do		5		Calif.*
<i>Citrus</i> sp.	do		1		Wash.
<i>Valtissus diversus</i> (Dist.) (Lygaeidae):					
<i>Lycopersicon esculentum</i> (tomato)	Mexico	1			Ariz.
<i>Vesiculaphis caracis</i> (Full.) (Aphidae):					
<i>Rhododendron</i> sp.	Japan			3	Hawaii, Wash.
<i>Vinsonia stellifera</i> (Westw.) (Coccidae):					
<i>Broughtonia</i> sp.	Jamaica			1	Fla.
<i>Catleya</i> sp. (orchid)	Puerto Rico			1	N. J.
<i>Cyanoche chlorochilon</i> (orchid)	Canal Zone			1	Fla.
Orchid	American Virgin Islands, Brazil, British West Indies, Canal Zone, Cuba, Honduras, Jamaica, Trinidad, Venezuela.			21	Fla., Mass., N. J., Tex.
<i>Stanhopea bucephalus</i> (orchid)	Venezuela			1	Calif.*
<i>Stanhopea</i> sp.	do			1	N. J.
<i>Vanilla</i> sp. (orchid)	Dominica			1	N. J.
<i>Xylobiops texanus</i> (Horn) (Bostrichidae):					
<i>Prosopis</i> sp. (mesquite)	Mexico	1			Tex.
<i>Xystrocera globosa</i> (Oliv.) (Cerambycidae):					
<i>Cassia</i> sp. (monkey pod tree)	Hawaii	1			Hawaii.
<i>Zonosemata electa</i> (Say) (Tephritidae):					
<i>Solanum elaeagnifolium</i> (silverleaf nightshade).	Mexico	1			Tex.

Hosts and insects

ABIES:

- Aspidiotus cryptomeriae* (Homoptera)
- Chrysomphalus nigropunctatus* (Homoptera)
- Lepidosaphes japonica* (Homoptera)
- Megastigmus suspectus* (Hymenoptera)

ACACIA:

- Acanthoscelides spinipes* (Coleoptera)
- Bruchidius aurivillii* (Coleoptera)
- Caryedon fuscus* (Coleoptera)
- Chrysomphalus odontoglossi* (Homoptera)
- Mimosestes sallaei* (Coleoptera)
- Niphona picticornis* (Coleoptera)
- Psylla uncata* (Homoptera)

ACER:

- Parlatoria theae* (Homoptera)

AERIDES:

- Parlatoria pseudaspidiotus* (Homoptera)

AGAVE:

- Ligyrocoris aurivilliana* (Hemiptera)

AGLAONEMA:

- Coptotermes formosanus* (Isoptera)

ALAFIA:

- "*Chionaspis*" *funtumiae* (Homoptera)

ALBIZZIA:

- Caryedon fuscus* (Coleoptera)

ALLIUM ASCALONICUM:

- Myzus ascalonicus* (Homoptera)

ALLIUM CEPA:

- Pyrrhocoris apterus* (Hemiptera)

ALLIUM PORRUM:

- Acrolepia assectella* (Lepidoptera)

ALLIUM SATIVUM:

- Aglossa cuprealis* (Lepidoptera)

ALLIUM SATIVUM—Continued

- Brachycerus albidentatus* (Coleoptera)
- Brachycerus algerus* (Coleoptera)
- Dyspessa ulula* (Lepidoptera)
- Lampetia equestris* (Diptera)
- Penicthora fasciata* (Coleoptera)

ALOE:

- "*Chionaspis*" *exalbida* (Homoptera)

ALPINIA:

- Coccus viridis* (Homoptera)

ALYXIA:

- Pinnaspis uniloba* (Homoptera)
- Taeniothrips hawaiiensis* (Thysanoptera)

AMARYLLIS:

- Trionymus peregrinus* (Homoptera)

ANANAS:

- Alpheius conspirata* (Lepidoptera)
- Erptochiomeria albomaculata* (Hemiptera)
- Genopaschia protomis* (?) (Lepidoptera)
- Pheidole megacephala* (Hymenoptera)
- Platynota rostrana* (Lepidoptera)
- Platypus rugulosus* (Coleoptera)
- Ribua innoxia* (Lepidoptera)
- Sisamnes contractus* (Hemiptera)
- "*Targionia*" *bromiliae* (Homoptera)

ANEMONE:

- Haplothrips gowdeyi* (Thysanoptera)
- Thrips angusticeps* (Thysanoptera)

ANNONA:

- Aspidiotus destructor* (Homoptera)
- Ceratitis capitata* (Diptera)
- Stenoma anonella* (Lepidoptera)
- Talponia batesi* (Lepidoptera)

*Hosts and insects—Continued***ANTHURIUM:***Ceroplastes rubens* (Homoptera)*Nysius coenosulus* (Hemiptera)**ANTIRRHINUM:***Anuraphis helichrysi* (Homoptera)*Dicyphus errans* (Hemiptera)*Frankliniella insularis* (Thysanoptera)*Haplothrips gowdeyi* (Thysanoptera)*Iridomyrmex humilis* (Hymenoptera)**APHELANDRA:***Aleurotrachelus trachoides* (Homoptera)**APIUM:***Rhopalosiphoninus tulipae* (Homoptera)**RACEAE:***Phenacaspis sandwicensis* (Homoptera)**RACHIS:***Caryedon fuscus* (Coleoptera)**ARECA:***Aspidiotus spinosus* (Homoptera)**ARECASTRUM:***Pinaspis buzi* (Homoptera)**ARMERIA:***Haplothrips gowdeyi* (Thysanoptera)**ASTER:***Haplothrips gowdeyi* (Thysanoptera)*Iridomyrmex humilis* (Hymenoptera)**ASTROCARYUM:***Aspidiotus spinosus* (Homoptera)**AVENA:***Diabrotica speciosa* (Coleoptera)*Limothrips cerealium* (Thysanoptera)**BAMBOO:***Acanthoscelides armitagei* (Coleoptera)*Asterolecanium bambusae* (Homoptera)*Chionaspis elongata* (Homoptera)*Cryptotermes brevis* (Isoptera)*Dinoderus brevis* (Coleoptera)*Myelobia smerintha* (Lepidoptera)**BAMBUSA:***Odonaspis greeni* (Homoptera)**BAUHINIA:***Tetraleurodes acaciae* (Homoptera)**BEGONIA:***Iridomyrmex humilis* (Hymenoptera)**BELLIS:***Thrips flavus* (Thysanoptera)**BETA:***Rhopalosiphoninus tulipae* (Homoptera)**BRASSAVOLA:***Chrysomphalus tenax* (Homoptera)*Ferrisia virgata* (Homoptera)*Furcaspis bifurmis* (Homoptera)**BRASSICA OLERACEA BOTRYTIS:***Mamestra brassicae* (Lepidoptera)*Pieris brassicae* (Lepidoptera)*Trioxa urticae* (Homoptera)**BRASSICA OLERACEA CAPITATA:***Evergestis forficalis* (Lepidoptera)*Hypera fasciculata* (Coleoptera)*Iridomyrmex humilis* (Hymenoptera)*Mamestra brassicae* (Lepidoptera)*Phyllotreta atra* (Coleoptera)*Phyllotreta cruciferae* (Coleoptera)*Pieris brassicae* (Lepidoptera)*Psylliodes chrysocephala* (Coleoptera)**BRASSICA RAPA:***Adrasius limbatus* (Coleoptera)*Lampetia equestris* (Diptera)*Psylliodes chrysocephala* (Coleoptera)**BROMELIA:***Ligyrocoris abdominalis* (Hemiptera)*Plagiocera semivittata* (Coleoptera)**BROMELIAD:***Asterolecanium epidendri* (Homoptera)*Calligrapha argus* (Coleoptera)*Ogdococta biannularis* (Coleoptera)*Pinaspis buzi* (Homoptera)**BROUGHTONIA:***Vinsonia stellifera* (Homoptera)**BROWNEA:***Dercynus micronyx* (Coleoptera)**BRYOPHYLLUM:***Heterogaster urticae* (Hemiptera)*Pulvinaria psidii* (Homoptera)**BURSERA:***Aspidiotus herculeanus* (Homoptera)**CACTUS:***Ceratitis capitata* (?) (Diptera)*Chelysoma variabilis* (Hemiptera)*Lepidosaphes philococcus* (Homoptera)*Ligyrocoris nitidicollis* (Hemiptera)*Plagiocera thymaloidea* (Coleoptera)*Sizenotus luteiceps* (Hemiptera)**CAESALPINIA:***Mimosestes dominicanus* (Coleoptera)*Stephanoderes buscki* (Coleoptera)**CAJANUS:***Acanthoscelides armitagei* (Coleoptera)*Ancylostomia stercorea* (Lepidoptera)*Brachyacma palpigera* (Lepidoptera)*Fundella pellucens* (Lepidoptera)*Maruca testulalis* (Lepidoptera)*Sphenarches caffer* (Lepidoptera)*Stephanoderes depressus* (Coleoptera)**CALLISTEPHUS:***Anuraphis helichrysi* (Homoptera)**CALLUNA:***Acalypta parvula* (Hemiptera)*Brachyrhinus ovalis* (Coleoptera)*Drymus brunneus* (Hemiptera)*Gelechia ericetella* (Lepidoptera)*Lochmaea suturalis* (Coleoptera)*Micrelus ericae* (Coleoptera)*Orthezia cataphracta* (Homoptera)*Taeniothrips atratus* (Thysanoptera)*Taeniothrips ericae* (Thysanoptera)*Ulopa reticulata* (Homoptera)**CAMELLIA:***Ceroplastes rubens* (Homoptera)*Lepidosaphes chinensis* (Homoptera)*Pavlatiora camelliae* (Homoptera)*Pseudopavlatiora ostreata* (Homoptera)**CAMPUSIS:***Pulvinaria psidii* (Homoptera)**CANAVALIA:***Haplothrips gowdeyi* (Thysanoptera)*Lampides boeticus* (Lepidoptera)*Maruca testulalis* (Lepidoptera)*Taeniothrips hawaiiensis* (Thysanoptera)**CAPISICUM:***Aleurotrachelus trachoides* (Homoptera)*Dacus cucurbitae* (Diptera)*Dacus dorsalis* (Diptera)*Gnorimoschema gudmannella* (Lepidoptera)*Ligyrocoris aurivilliana* (Hemiptera)*Neoleucinodes elegantalis* (Lepidoptera)*Platynota rostrata* (Lepidoptera)*Pulvinaria urticae* (Homoptera)**CARALLUMA:***Asterolecanium stentae* (Homoptera)**CARICA:***Aspidiotus spinosus* (Homoptera)*Icerya littoralis* (Homoptera)*Pseudopavlatiora ostreata* (Homoptera)*Tozodrypana curvicauda* (Diptera)**CASSIA:***Caryedon fuscus* (Coleoptera)*Phelomerus aberrans* (Coleoptera)*Tetraleurodes acaciae* (Homoptera)*Xystocera globosa* (Coleoptera)**CASTANEA:***Hemimene juliana* (Lepidoptera)*Laspesyesia splendana* (Lepidoptera)**CASUARINA:***Orthezia praelonga* (Homoptera)**CATASETUM:***Furcaspis bifurmis* (Homoptera)*Pseudonidia tessellata* (Homoptera)**CATTLEA:***Amorbia emigratella* (Lepidoptera)*Asterolecanium epidendri* (Homoptera)*Chrysomphalus tenax* (Homoptera)*Chrysomphalus umboniferus* (Homoptera)*Coccus pseudohesperidum* (Homoptera)*Conchaspis angraei* (Homoptera)*Eurytoma orchidearum* (Hymenoptera)*Furcaspis bifurmis* (Homoptera)*Iridomyrmex iniquus* (Hymenoptera)*Lincus rufopilosus* (Hemiptera)*Parallelodiplosis cattleyae* (Diptera)*Protopulvinaria longivalvata* (Homoptera)

Hosts and insects—Continued

CATTLEA—Continued

- Pseudischnaspis alienus* (Homoptera)
- Tenthecoris orchidearum* (Hemiptera)
- Tenthecoris venezuelensis* (Hemiptera)
- Vinsonia stellifera* (Homoptera)

CEDRELA:

- Fulvius brevicornis* (Hemiptera)
- Platypus rugulosus* (Coleoptera)

CEDRUS:

- Kaloterms snyderi* (Isoptera)

CENTAUREA:

- Crophius scabrosus* (Hemiptera)
- Pachyzancla bipunctalis* (Lepidoptera)

CERATONIA:

- Aspidiotus zonatus* (Homoptera)
- Myeloid ceratoniae* (Lepidoptera)

CHRYSAANTHEMUM:

- Anuraphis helichrysi* (Homoptera)
- Capitophorus chrysanthemi* (Homoptera)
- Frankliniella cubensis* (Thysanoptera)
- Macrosiphoniella oblonga* (Homoptera)
- Rhopalophora incrustata* (Coleoptera)
- Thrips angusticeps* (Thysanoptera)
- Thrips flavus* (Thysanoptera)

CHYSIS:

- Chrysomphalus umboniferus* (Homoptera)

CITRUS AURANTIFOLIA:

- Aleurocanthus woglumi* (Homoptera)
- Anastrepha ludens* (Diptera)
- Chrysomphalus personatus* (Homoptera)
- Chrysomphalus scutiformis* (Homoptera)
- Leucaspis cockerelli* (Homoptera)
- Lygaeus circumplicatus* (Homoptera)
- Parlatoria cinerea* (Homoptera)
- Parlatoria zizyphus* (Homoptera)
- Pseudonidia trilobitiformis* (Homoptera)

CITRUS AURANTIUM:

- Aleurocanthus woglumi* (Homoptera)
- Aleurothrix floccosus* (Homoptera)
- Anastrepha ludens* (Diptera)
- Paraleurodes citricolus* (Homoptera)

CITRUS GRANDIS:

- Prays endocarpa* (Lepidoptera)

CITRUS LIMON:

- Aonidiella citrina* (Homoptera)
- Ceratitis capitata* (Diptera)
- Cryptoblabes gnidiella* (Lepidoptera)
- Parlatoria cinerea* (Homoptera)
- Parlatoria zizyphus* (Homoptera)
- Pseudonidia trilobitiformis* (Homoptera)
- Unaspis yanonensis* (Homoptera)

CITRUS MEDICA:

- Rhinacloa subpallicornis* (Hemiptera)

CITRUS PARADISE:

- Anastrepha ludens* (Diptera)
- Aspidiotus palmarum* (Homoptera)
- Ceratitis capitata* (Diptera)
- Coccus viridis* (Homoptera)
- Leucaspis cockerelli* (Homoptera)
- Morganella longispina* (Homoptera)
- Parlatoria cinerea* (Homoptera)
- Parlatoria zizyphus* (Homoptera)
- Unaspis citri* (Homoptera)
- Unaspis yanonensis* (Homoptera)

CITRUS RETICULATA:

- Aleurocanthus woglumi* (Homoptera)
- Anastrepha serpentina* (Diptera)
- Ceratitis capitata* (Diptera)
- Dialeurodes citri* (Homoptera)
- Parlatoria zizyphus* (Homoptera)
- Unaspis yanonensis* (Homoptera)

CITRUS SINENSIS:

- Aleurocanthus woglumi* (Homoptera)
- Anastrepha ludens* (Diptera)
- Anastrepha mombinpraepitans* (Diptera)
- Argyroplaca leucotreta* (Lepidoptera)
- Ceratitis capitata* (Diptera)
- Cryptoblabes gnidiella* (Lepidoptera)
- Dialeurodes citrifolii* (Homoptera)
- Gymnandrosoma aurantianum* (Lepidoptera)
- Leucaspis cockerelli* (Homoptera)
- Morganella longispina* (Homoptera)
- Parlatoria cinerea* (Homoptera)
- Parlatoria zizyphus* (Homoptera)
- Trialeurodes vitrinellus* (Homoptera)

CITRUS SINENSIS—Continued

- Unaspis citri* (Homoptera)
- Unaspis yanonensis* (Homoptera)

CITRUS SP.:

- Aleurocanthus woglumi* (Homoptera)
- Chrysomphalus pinnulifera* (Homoptera)
- Chrysomphalus scutiformis* (Homoptera)
- Coccus viridis* (Homoptera)
- Dialeurodes citri* (Homoptera)
- Dialeurodes citrifolii* (Homoptera)
- Frankliniella insularis* (Thysanoptera)
- Parlatoria zizyphus* (Homoptera)
- Trialeurodes vitrinellus* (Homoptera)
- Unaspis yanonensis* (Homoptera)

COCOLOBA:

- Frankliniella insularis* (Thysanoptera)

COCOS:

- Aonidiella inornata* (Homoptera)
- Aspidiotus coryphae* (Homoptera)
- Aspidiotus destructor* (Homoptera)
- Aspidiotus excisus* (Homoptera)
- Aspidiotus pangoensis* (Homoptera)
- Aspidiotus spinosus* (Homoptera)
- Chrysomphalus personatus* (Homoptera)
- Chrysomphalus tingi* (Homoptera)
- Diocalandra taitensis* (Coleoptera)
- Ereunetis flavistriata* (Lepidoptera)
- Eucalymnatus tessellatus* (Homoptera)
- Furcaspis oceanica* (Homoptera)
- "Lepidosaphes" esaki* (Homoptera)
- Phenacaspis sandwicensis* (Homoptera)
- Pinnaspis buxi* (Homoptera)
- Pseudococcus palmarum* (Homoptera)
- Syrtrita oceanica* (Diptera)

CODIAEUM:

- Ferrisia virgata* (Homoptera)
- Lepidosaphes tokionis* (Homoptera)
- Lichtensia lutea* (Homoptera)
- Orthezia praelonga* (Homoptera)
- Parlatoria crotonis* (Homoptera)

COFFEA:

- Ceratitis capitata* (Diptera)
- Dacus dorsalis* (?) (Diptera)
- Stephanoderes hampei* (Coleoptera)

CONVALLARIA:

- Hebrus pusillus* (Hemiptera)

COPAIFERA:

- Platypus rugulosus* (Coleoptera)

CORNUS:

- Allantus cinctus* (Hymenoptera)

CORYLUS:

- Capitophorus avellanae* (?) (Homoptera)

CORYPHANTHA:

- Gerstaeckeria mutillaria* (Coleoptera)

COTONEASTER:

- Stephanitis pyri* (Hemiptera)

CRATAEGUS:

- Acronicta tridens* (Lepidoptera)

CRYPTOMERIA:

- Dinoderus bifoveolatus* (Coleoptera)
- Rhiobia praecipens* (Hemiptera)

CUCUMIS:

- Dacus cucurbitae* (Diptera)
- Erptochioma albomaculata* (Hemiptera)
- Linyrocoris aurivilliana* (Hemiptera)
- Myiopardalis pardalina* (Diptera)

CUCURBITA:

- Anastrepha grandis* (Diptera)
- Erptochioma albomaculata* (Hemiptera)
- Erptochioma oblonga* (Hemiptera)

CYBISTAX:

- Platypus rugulosus* (Coleoptera)

CYCNOCHES:

- Vinsonia stellifera* (Homoptera)

CYDONIA:

- Ceratitis capitata* (Diptera)
- Parlatoria oleae* (Homoptera)
- Stephanitis pyri* (Hemiptera)

CYMBIDIUM:

- Dinoderus brevis* (Coleoptera)
- Lepidosaphes tuberculata* (Homoptera)

CYNARA:

- Anuraphis cynariella* (Homoptera)
- Apion carduorum* (Coleoptera)
- Apion carduorum* var. (Coleoptera)

Hosts and insects—Continued

CYNARA—Continued

- Epicometis hirta* (Coleoptera)
Gortyna flavago (Lepidoptera)
Ptosima undecimmaculata (Coleoptera)

CYTISUS:

- Bruchidius lividimonus* var. (Coleoptera)
Spartea villosus (Coleoptera)
Iridomyrmex humilis (Hymenoptera)
Taeniothrips atratus (Thysanoptera)
Taeniothrips hawaiiensis (Thysanoptera)
Thrips angusticeps (Thysanoptera)

DAHLIA:

- Haplothrips gowdeyi* (Thysanoptera)
Iridomyrmex humilis (Hymenoptera)

DAISY:

- Anuraphis helichrysi* (Homoptera)

DALBERGIA:

- Platypus rugulosus* (Coleoptera)

DAUCUS:

- Phalonia zephyrana* (Lepidoptera)

DELPHINIUM:

- Serica brunnea* (?) (Coleoptera)

DENDROBIUM:

- Achatina fulica* (Mollusca)
Ferrisiana virgata (Homoptera)
Parlatoria pseudaspidotus (Homoptera)
Pinnaspis buxi (Homoptera)

DESMODIUM:

- Bruchidius gilvus* (Coleoptera)

DIANTHUS:

- Anuraphis helichrysi* (Homoptera)
Brachyrhinus ovatus (Coleoptera)
Bradybaena similis (Mollusca)
Dizygomyza flavifrons (Diptera)
Euxesta notata (Diptera)
Haplothrips cottei (Thysanoptera)

DIOSCOREA:

- Palaeopus costicollis* (Coleoptera)
Pheidole megacephala (Hymenoptera)
Stephanoderes buscki (Coleoptera)
"Targionia" hartii (Homoptera)

DIOSPYROS:

- Aspidiotus spinosus* (Homoptera)
Callidium rufipenne (Coleoptera)
Ceratitis capitata (Diptera)
Iridomyrmex humilis (Hymenoptera)
Lepidosaphes conchiformis (Homoptera)
Parlatoria oleae (Homoptera)

DOLICHOS:

- Callosobruchus phaseoli* (Coleoptera)

ECHEVERIA:

- Eumysia stigmella* (Lepidoptera)

ENTEROLOBIUM:

- Dinoderus bifoveolatus* (Coleoptera)

EPIDENDRUM:

- Asterolecanium epidendri* (Homoptera)
Eurytoma orchidearum (Hymenoptera)
Furcaspis bifurmis (Homoptera)
Pseudischnaspis alienus (Homoptera)
Tenthecoris distinguendus (Hemiptera)

ERICA:

- Antestia variegata lineaticollis* (Hemiptera)

ERIOBOTRYA:

- Ceratitis capitata* (Diptera)
Iridomyrmex humilis (Hymenoptera)

EUGENIA:

- Dialeurodes platycus* (?) (Homoptera)

EUONYMUS:

- Ceroplastes rubens* (Homoptera)
Parlatoria theae (Homoptera)
Unaspis euonymi (Homoptera)

EUTERPE:

- Coccotrypes pygmaeus* (Coleoptera)

FICUS:

- Aspidiotus zonatus* (Homoptera)
Ceratitis capitata (Diptera)
Ceroplastes rusci (Homoptera)
Homotoma ficus (Homoptera)
Hypoborus ficus (Coleoptera)
Iridomyrmex humilis (Hymenoptera)
Lepidosaphes ficus (Homoptera)
Parlatoria oleae (Homoptera)

FOENICULUM:

- Pieris brassicae* (Lepidoptera)

FORTUNELLA:

- Ceratitis capitata* (Diptera)

FRAGARIA:

- Mamestra brassicae* (Lepidoptera)

FRAXINUS:

- Hylesinus frazini* (Coleoptera)
Leperisinus frazini (Coleoptera)

GARDENIA:

- Aleuroparadozus gardeniae* (Homoptera)
Aleurothrix myrtacei (Homoptera)
Aspidiotus degeneratus (Homoptera)
Coccus viridis (Homoptera)
Dialeurodes citri (Homoptera)
Dialeurodes kirkaldyi (Homoptera)
Eucalymnatus tessellatus (Homoptera)
Frankliniella insularis (Thysanoptera)
Paraleyrodes citricolus (Homoptera)
Platynota rostrana (Lepidoptera)
Protopulvinaria longivalvata (Homoptera)
Protopulvinaria pyriformis (Homoptera)
Pulvinaria psidii (Homoptera)

GERBERA:

- Anuraphis helichrysi* (Homoptera)
Iridomyrmex humilis (Hymenoptera)

GLADIOLUS:

- Chalcolepidius approximatus* (Coleoptera)
Frankliniella insularis (Thysanoptera)
Iridomyrmex humilis (Hymenoptera)
Myzus ascalonicus (Homoptera)
Pheidole megacephala (Hymenoptera)
Rhinacloa subpallicornis (Hemiptera)
Rhopalosiphoninus tulipae (Homoptera)
Taeniothrips atratus (Thysanoptera)
Tanymecus confusus (Coleoptera)

GOMPHRENA:

- Coccus viridis* (Homoptera)
Pachyzancla bipunctalis (Lepidoptera)

GOSSYPIUM:

- Alpheias conspirata* (Lepidoptera)
Ferrisiana virgata (Homoptera)
Lygaeus teapensis (Hemiptera)
Ozycaenus hyalinipennis (Hemiptera)
Ozycaenus laetus (Hemiptera)
Pectinophora gossypiella (Lepidoptera)

GRAPTOPHYLLUM:

- Ferrisiana virgata* (Homoptera)

GUAJACUM:

- Astyochus setiger* (Coleoptera)
Neoclytus cacticus (Coleoptera)

HEDYSARUM:

- Bruchidius gilvus* (Coleoptera)

HELICONIA:

- Oxydemus longulum* (Coleoptera)
Pseudococcus probevipis (Homoptera)

HELIOTROPIMUM:

- Asterolecanium pustulans* (Homoptera)

HIBISCUS:

- Crociosema plebeiana* (Lepidoptera)
Frankliniella insularis (Thysanoptera)
Pheidole megacephala (Hymenoptera)
Platysaissetia castilloae (Homoptera)
Taeniothrips hawaiiensis (Thysanoptera)

HOWEA:

- Pinnaspis buxi* (Homoptera)

HYPERBAENA:

- Chrysomphalus personatus* (Homoptera)

ILEX:

- Aleuroplatus ilicis* (Homoptera)
Phenacaspis aucubae (Homoptera)

IPOMOEA:

- Araecerus vieillardii* (Coleoptera)
Cylas formicarius (Coleoptera)
Cylas formicarius elegantulus (Coleoptera)
Cylas formicarius var. (Coleoptera)
Euscepes postfasciatus (Coleoptera)
Ips interstitialis (Coleoptera)
Taeniothrips atratus (Thysanoptera)

IRIS:

- Frankliniella insularis* (Thysanoptera)

IXORA:

- Coccus viridis* (Homoptera)

JASMINUM:

- Asterolecanium pustulans* (Homoptera)
Heterotermes converginotatus (Isoptera)
Taeniothrips hawaiiensis (Thysanoptera)

*Hosts and insects—Continued***JUNIPERUS:**

- Dinoderus brevis* (Coleoptera)
- Lepidosaphes newsteadi* (Homoptera)
- Lepidosaphes pallida* (Homoptera)

KARWINSKIA:

- Aleuroparadoxus ilicicola* (Homoptera)
- Ferrisiana virgata* (Homoptera)
- Stephanoderes lecontei* (Coleoptera)
- Tetraleurodes acaciae* (Homoptera)

KERRIA:

- Allantus cinctus* (Hymenoptera)

KERSTINGIELLA:

- Caryedon fuscus* (Coleoptera)

KHAYA:

- Heterobostrychus aequalis* (Coleoptera)

LABURNUM:

- Chaetocnema hortensis* (Coleoptera)
- Sparteus villosus* (Coleoptera)

LAELIA:

- Asterolecanium epidendri* (Homoptera)
- Chrysomphalus nigropunctatus* (Homoptera)
- Chrysomphalus umboniferus* (Homoptera)
- Pseudischinaspius alienus* (Homoptera)

LANTANA:

- Epinotia lantana* (?) (Lepidoptera)
- Rhinacloa subpallicornis* (Hemiptera)

LATHYRUS:

- Aglossa cuprealis* (Lepidoptera)
- Bruchus tristis* (Coleoptera)
- Bruchus tristis* (Coleoptera)
- Iridomyrmex humilis* (Hymenoptera)
- Taeniothrips atratus* (Thysanoptera)
- Thrips angusticeps* (Thysanoptera)

LAURUS:

- Aspidiotus britannicus* (Homoptera)
- Aspidiotus palmarum* (Homoptera)
- Cacoecia prunivana* (Lepidoptera)
- Crotoplastes denudatus* (Homoptera)
- Chrysomphalus personatus* (Homoptera)
- Tetraleurodes lauri* (Homoptera)

LENS:

- Bruchidius incarnatus* (Coleoptera)
- Bruchus ervi* (Coleoptera)
- Bruchus lentis* (Coleoptera)
- Bruchus signalicornis* (Coleoptera)
- Bruchus ulicis* (Coleoptera)

LEUCADENDRON:

- Iridomyrmex humilis* (Hymenoptera)

LEUCOJUM:

- Lampetia equestris* (Diptera)

LIGUSTRUM:

- Coccus viridis* (Homoptera)

LILIUM:

- Crioceris lili* (Coleoptera)
- Frankliniella insularis* (Thysanoptera)
- Fulvius brevicornis* (Hemiptera)
- Iridomyrmex humilis* (Hymenoptera)
- Myzus ascalonicus* (?) (Homoptera)
- Orthozia cataphracta* (Homoptera)
- Orthochaetes setiger* (Coleoptera)
- Pheidole megacephala* (Hymenoptera)
- Podagrica malvae* (Coleoptera)

LINUM:

- Attagenus gloriosae* (Coleoptera)

LITCHI:

- Pachybrachius nietneri* (Hemiptera)

LONAS:

- Bradybaena similis* (Mollusca)

LONICERA:

- Aspidiotus excisus* (Homoptera)
- Ferrisiana virgata* (Homoptera)

LUPINUS:

- Bruchus tristis* (Coleoptera)

LYCIUM:

- Ceroplastes rubens* (Homoptera)

LYCOPERSICON:

- Prochymena aculeata* (Hemiptera)
- Cossonus canaliculatus* (Coleoptera)
- Crepidodera asphaltina* (?) (Coleoptera)
- Dacus cucurbitae* (Diptera)
- Dacus dorsalis* (Diptera)
- Disonycha antennata* (Coleoptera)
- Dysdercus mimulus* (Hemiptera)
- Etmospilus nubilus* (Hemiptera)
- Ezptochiamera oblonga* (Hemiptera)
- Gnorimoschema gudmannella* (Lepidoptera)

LYCOPERSICON—Continued

- Ligyrocoris aurivilliana* (Hemiptera)
- Lineodes integra* (Lepidoptera)
- Neoleucodes elegantalis* (Lepidoptera)
- Platynota rostrana* (Lepidoptera)
- Valtissus diversus* (Hemiptera)

MACADAMIA:

- Cryptophlebia illepidia* (Lepidoptera)

MALUS:

- Anastrepha ludens* (?) (Diptera)
- Argyresthia confugella* (Lepidoptera)
- Carposina sasakii* (Lepidoptera)
- Ceratitidis capitata* (Diptera)
- Epidiaspis piricola* (Homoptera)
- Lepidosaphes conchiformis* (Homoptera)
- Parlatoria oleae* (Homoptera)
- Rhagoletis pomonella* (Diptera)
- Sesamia venteria* (Lepidoptera)

MAMMEA:

- Anastrepha ludens* (Diptera)
- Anastrepha serpentina* (?) (Diptera)
- Ligyrocoris nitidicollis* (Hemiptera)

MAMMILLARIA:

- Sizeonotus luteiceps* (Hemiptera)

MANGIFERA:

- Anastrepha ludens* (Diptera)
- Anastrepha mombinpraepotans* (Diptera)
- Aulacaspis tubercularis* (Homoptera)
- Ceratitidis capitata* (?) (Diptera)
- Cryptorhynchus mangiferae* (Coleoptera)
- Dacus dorsalis* (Diptera)
- Leucaspis indica* (Homoptera)
- Parlatoria morrisoni* (Homoptera)
- Pseudonidia trilobitiformis* (Homoptera)

MANIHOT:

- Ferrisiana virgata* (Homoptera)

MATHIOLA:

- Iridomyrmex humilis* (Hymenoptera)
- Sparteus villosus* (Coleoptera)

MEDICAGO:

- Acrosternum armiger* (Hemiptera)
- Agalliana ensigera* (Homoptera)
- Anthomyza cursor* (Diptera)

MENTHA:

- Phenacoccus madeirensis* (Homoptera)

MERTENSIA:

- Anuraphis helichrysi* (Homoptera)

MESPILUS:

- Laspeyresia splendana* (Lepidoptera)

MIMOSA:

- Iridomyrmex humilis* (Hymenoptera)
- Thrips angusticeps* (Thysanoptera)

MONSTERA:

- Pinnaspis buxi* (Homoptera)

MORAEA:

- Chrysomphalus pinnulifera* (Homoptera)

MORINDA:

- Dialeurodes kirkaldyi* (Homoptera)

MURRAYA:

- Dialeurodes kirkaldyi* (Homoptera)
- Stephanoderes buscki* (Coleoptera)

MUSA:

- Cosmopolites sordidus* (Coleoptera)
- Dacus dorsalis* (Diptera)
- Heterotermes tenuis* (Isoptera)
- Metamasius sericeus* (Coleoptera)
- Metamasius sericeus* var. (Coleoptera)

MUSCARI:

- Ezrosoma lusitanica* (Coleoptera)
- Lampetia equestris* (Diptera)

MYOSOTIS:

- Anuraphis helichrysi* (Homoptera)

NARCISSUS:

- Eumerus strigatus* (Diptera)
- Lampetia equestris* (Diptera)
- Tarsonemus laticeps* (Arachnida)

NERIUM:

- Diaprepes familiaris* var. (Coleoptera)
- Frankliniella difficilis* (Thysanoptera)
- Frankliniella insularis* (Thysanoptera)
- Haplothrips gowdeyi* (Thysanoptera)
- Morganella longispina* (Homoptera)
- Parlatoria morrisoni* (Homoptera)
- Pheidole megacephala* (Hymenoptera)
- Phenacaspis sandwicensis* (Homoptera)

Hosts and insects—Continued

OCHROSIA:

Dacus dorsalis (Diptera)

ODONTOGLOSSUM:

Amorbia emigratella (?) (Lepidoptera)

Pseudischnaspis alienus (Homoptera)

OLEA:

Aleurolobus olivinus (Homoptera)

Dacus oleae (Diptera)

Leucaspis riccae (Homoptera)

Parlatoria oleae (Homoptera)

Phloeotribus scarabaeoides (Coleoptera)

Pollinia pollini (Homoptera)

Prays oleellus (Lepidoptera)

ONCIDIUM:

Asterolecanium epidendri (Homoptera)

Chrysomphalus umboniferus (Homoptera)

Coccus pseudoheperidum (Homoptera)

Conchaspis angraei (Homoptera)

Cryphula apicatus (Homoptera)

Furcaspis biformis (Homoptera)

Iridomyrmex iniquus (Hymenoptera)

Pseudoparlatoria ostreata (Homoptera)

Pseudoparlatoria serratulae (Homoptera)

Tenthecoris venezuelensis (Hemiptera)

ONOBRYCHIS:

Eurytoma onobrychidis (Hymenoptera)

OPUNTIA:

Ceratitis capitata (Diptera)

Lepidosaphes philococcus (Homoptera)

Sesamia vutera (Lepidoptera)

ORCHID:

Acroleucus vicinialis (Hemiptera)

Aleuroglandulus emmae (Homoptera)

Antilocoris punctatus (Hemiptera)

Aspidiotus destructor (Homoptera)

Asterolecanium epidendri (Homoptera)

Automeris randa (Lepidoptera)

Calligrapha diversa (Coleoptera)

Capaneus tetricus (Hemiptera)

Ceutorhynchus assimilis (Coleoptera)

Chrysomphalus nigropunctatus (Homoptera)

Chrysomphalus odontoglossi (Homoptera)

Chrysomphalus tenax (Homoptera)

Chrysomphalus umboniferus (Homoptera)

Conchaspis angraei (Homoptera)

Copaza lavendera (Lepidoptera)

Corimelaena elegans (Hemiptera)

Crophius scabrosus (Hemiptera)

Cryphula apicatus (Hemiptera)

Ctenochira cumulata (Coleoptera)

Diorymerella laevimargo (Coleoptera)

Eurytoma orchidearum (Hymenoptera)

Explochiomera albomaculata (Hemiptera)

Explochiomera oblonga (Hemiptera)

Furcaspis biformis (Homoptera)

Iridomyrmex humilis (Hymenoptera)

Iridomyrmex leucomelas (Hymenoptera)

Kleidocerys godmani (Hemiptera)

Lepidosaphes tuberculata (Homoptera)

Ligyrocoris abdominalis (Hemiptera)

Ligyrocoris aurivilliana (Hemiptera)

Ligyrocoris nitidicollis (Hemiptera)

Lygaeus circumplicatus (Hemiptera)

Lygaeus vittisculis (Hemiptera)

Macropygium reticulare (Hemiptera)

Mordellistena cattleyana (Coleoptera)

Nasutitermes nigriceps (Isoptera)

Nephotettix apicalis (Homoptera)

Ogdoecosta biannularis (Coleoptera)

Ozophora consanguineus (Hemiptera)

Parallelodiplosis cattleyae (Diptera)

Parlatoria pseudaspidiotus (Homoptera)

Phatnoma annulipes concisa (Hemiptera)

Physonota disjuncta (Coleoptera)

Physorhinus stigma (Coleoptera)

Plagiodera semivittata (Coleoptera)

Plagiodera thymaloides (Coleoptera)

Pseudaonidia tesserrata (Homoptera)

Pseudischnaspis alienus (Homoptera)

Pseudoparlatoria ostreata (Homoptera)

Pseudoparlatoria serratulae (Homoptera)

Puto mexicanus (Homoptera)

Tenthecoris angustimarginatus (Hemiptera)

Tenthecoris bicolor (Hemiptera)

Tenthecoris confusus (Hemiptera)

ORCHID—Continued

Tenthecoris distinguendus (Hemiptera)

Vinsonia stellifera (Homoptera)

ORNITHOGALUM:

Haplothrips bagnalli (Thysanoptera)

Paromius gracilis (Hemiptera)

ORYZA:

Chilo simplex (Lepidoptera)

Gelasma illiturala (Lepidoptera)

PALM:

Coccotrypes pygmaeus (Coleoptera)

Elytrotetrus subtruncatus (Coleoptera)

Iridomyrmex humilis (Hymenoptera)

PANDANUS:

Pseudococcus pandani (Homoptera)

PAPAVER:

Anuraphis helichrysi (Homoptera)

PASPALUM:

"*Targionia*" *sacchari* (Homoptera)

PASSIFLORA:

Frankliniella insularis (Thysanoptera)

PELARGONIUM:

Bradybaena similis (Mollusca)

PERISTERIA:

Iridomyrmex iniquus (Hymenoptera)

PERSEA:

Anastrepha ludens (Diptera)

Aspidiotus destructor (Homoptera)

Aspidiotus diffinis (Homoptera)

Ceratitis anonae (Diptera)

Chrysomphalus personatus (Homoptera)

Conotrachelus aguacatae (Coleoptera)

Conotrachelus perseae (Coleoptera)

Dacus dorsalis (?) (Diptera)

Explochiomera albomaculata (Hemiptera)

Lygaeus consanguinitus (Hemiptera)

Platypus rugulosus (Coleoptera)

Stenomma catenifer (Lepidoptera)

PHALAENOPSIS:

Monomorium destructor (Hymenoptera)

PHASEOLUS:

Bradybaena similis (Mollusca)

Callosobruchus pulcher (Coleoptera)

Epinotia opposita (Lepidoptera)

Eberes comyntas (Lepidoptera)

Fundella pellucens (Lepidoptera)

Maruca testulalis (Lepidoptera)

PHILODENDRON:

Aspidiotus diffinis (Homoptera)

Chrysomphalus scutiformis (Homoptera)

Chrysomphalus sphaeroides (Homoptera)

Chrysomphalus tenax (Homoptera)

Dione moneta poeyii (Lepidoptera)

Ferrisia virgata (Homoptera)

Neoleucon horribilis (Hemiptera)

Pinnaspis buxi (Homoptera)

Protolupinus pyramidalis (Homoptera)

PHOEBE:

Heilipus parvulus (Coleoptera)

PHORADENDRON:

Diaspis miranda (Homoptera)

PHOTINIA:

Dialeurodes citri (Homoptera)

PHYSALIS:

Rhagoletis striatella (Diptera)

PICEA:

Callidium violaceum (Coleoptera)

Dryinus brunneus (Hemiptera)

Ernobius abietis (Coleoptera)

Gastrodes pacificus (Hemiptera)

Laspeyresia strobilella (Lepidoptera)

Pityogenes chalcographus (Coleoptera)

Pogonocherus fasciculatus (Coleoptera)

Tetropium fuscum (Coleoptera)

PINUS:

Callidium violaceum (Coleoptera)

Hylurgops palliatus (Coleoptera)

Ips combræ (Coleoptera)

Ips typographus (Coleoptera)

Lepidosaphes newsteadii (Homoptera)

Leucaspis loewi (Homoptera)

Leucaspis signoreti (Homoptera)

Orthotomicus erosus (Coleoptera)

Orthotomicus laticis (Coleoptera)

Pityogenes bidentatus (Coleoptera)

Hosts and insects—Continued

PINUS—Continued

- Pityogenes chalcographus* (Coleoptera)
 "Poliaspis" pini (Homoptera)
Polygraphus poligraphus (Coleoptera)
Pseudococcus pini (Homoptera)

PISUM:

- Ancylostoma stercorea* (Lepidoptera)
Bruchus emarginatus (Coleoptera)

PISTACIA:

- Chrysomphalus inopinatus* (Homoptera)
Megastigmus pistaciae (Hymenoptera)

PITHECELLOBIUM:

- Tetraleurodes acaciae* (Homoptera)

PITTOSPORUM:

- Pulvinaria psidii* (Homoptera)

PLUMERIA:

- Aspidiotus herculeanus* (Homoptera)

POLIANTHES:

- Ferrisia virgata* (Homoptera)

PORTULACA:

- Lozostege helvialis* (Lepidoptera)
Lozostege similalis (Lepidoptera)
Pantomorbus godmani (Coleoptera)

PROSOPIS:

- Xylobiops texanus* (Coleoptera)

PROTEA:

- Antestia variegata lineaticollis* (Hemiptera)
Homothrips distinctus (Thysanoptera)
Iridomyrmex humilis (Hymenoptera)

PRUNUS AMYGDALUS AMARA:

- Anastrepha suspensa* (Diptera)

PRUNUS ARMENIACA:

- Ceratitis capitata* (?) (Diptera)

PRUNUS AVIUM:

- Anthonomus rectirostris* (Coleoptera)

PRUNUS DOMESTICA:

- Ceratitis capitata* (Diptera)
Iridomyrmex humilis (Hymenoptera)
Oedionychis decorata (Coleoptera)

PRUNUS PADUS:

- Anthonomus rectirostris* (Coleoptera)

PRUNUS PERSICA:

- Anastrepha ludens* (Diptera)
Ceratitis capitata (Diptera)
Grapholitha packardii (Lepidoptera)

PRUNUS SP. (cherry):

- Rhagoletis cerasi* (Diptera)

PSIDIUM:

- Aleurothrixus floccosus* (Homoptera)
Anastrepha striata (Diptera)
Anastrepha suspensa (Diptera)
Ceratitis capitata (Diptera)
Lechriops psodii (Coleoptera)
Paraleurodes goyabae (?) (Homoptera)

PTYCHOSPERMA:

- Coccotrypes pygmaeus* (Coleoptera)

PUERARIA:

- Callosobruchus ademptus* (Coleoptera)

PUNICA:

- Anastrepha ludens* (?) (Diptera)
Cryptoblabes gnidiella (Lepidoptera)
Myelois ceratoniae (Lepidoptera)
Parlatoria theae (Homoptera)
Siphoninus phyllirae (Homoptera)

PYRUS:

- Anastrepha ludens* (Diptera)
Ceratitis capitata (Diptera)
Chrysomphalus inopinatus (Homoptera)
Iphiclydes podalirius (Lepidoptera)
Parlatoria oleae (Homoptera)

QUERCUS:

- Stenogrinum quadrinotatum* (Coleoptera)
Trialeurodes multipori (Homoptera)
Trialeurodes oblongifoliae (Homoptera)

RAPHANUS:

- Rhopalosiphoninus tulipae* (Homoptera)

RHODODENDRON:

- Chaetocnema hortensis* (Coleoptera)
Dialeurodes chittendeni (Homoptera)
Drymus assimilis (Hemiptera)
Drymus brunneus (Hemiptera)
Drymus sylvaticus (Hemiptera)
Gracilaria azaleella (Lepidoptera)
Phenacoccus azaleae (Homoptera)
Psylla rhododendri (Homoptera)

RHODODENDRON—Continued

- Reticulitermes speratus* (Isoptera)
Vesiculaphis caracis (Homoptera)

RIBES:

- Aphis grossulariae* (?) (Homoptera)
Eurydema oleraceum (Hemiptera)

RORIPPA:

- Evergestis rimosalis* (Lepidoptera)

ROSA:

- Amorbia emigratella* (Lepidoptera)
Frankliniella cubensis (Thysanoptera)
Frankliniella insularis (Thysanoptera)
Iridomyrmex humilis (Hymenoptera)
Myzaphis bucktoni (?) (Homoptera)
Parlatoria oleae (Homoptera)
Plagiognathus arbustorum (Hemiptera)
Platynota rostrana (Lepidoptera)
Rhagoletis alternata (Diptera)
Selenothrips rubrocinctus (Thysanoptera)
Tetraleurodes quadratus (Homoptera)
Thrips angusticeps (Thysanoptera)

ROSMARINUS:

- Chrysolina americana* (Coleoptera)
Erosoma lustranica (Coleoptera)

RUBUS:

- Brachyrhinus ovatus* (Coleoptera)

RUSCUS:

- Aspidiotus britannicus* (Homoptera)

RUTA:

- Phenacoccus madeirensis* (Homoptera)

SACCHARUM:

- Diatraea magnificatella* (Lepidoptera)
Iridomyrmex humilis (Hymenoptera)
Monomorium destructor (Hymenoptera)
Pseudococcus boninensis (Homoptera)
 "Targionia" sacchari (Homoptera)
Trionymus sacchari (Homoptera)

SALVIA:

- Eurytoma cynipsea* (Hymenoptera)

SAMANEA:

- Oedopeza pogonocheroidea* (Coleoptera)

SAPOTE:

- Anastrepha ludens* (Diptera)
Anastrepha serpentina (Diptera)

SASA:

- Antonina sasae* (Homoptera)

SCHOMBURGKIA:

- Chrysomphalus umboniferus* (Homoptera)

SECHIUUM:

- Platynota rostrana* (Lepidoptera)

SEDUM:

- Microplax interrupta* (Hemiptera)

SIBIRAEAE:

- Aleyrodes spiraeoides* (Homoptera)

SINNINGIA:

- Cylindronotus laevioctostriatus* (Coleoptera)

SOIL:

- Acrolepia assectella* (Lepidoptera)
Adela viridella (Lepidoptera)
Anomala orientalis (?) (Coleoptera)
Epicometis hirta (Coleoptera)
Iridomyrmex humilis (Hymenoptera)
Oryctonia jucunda (Coleoptera)
Pheidole megacephala (Hymenoptera)
Scolopostethus decoratus (Hemiptera)
Serica brunnea (Coleoptera)
 SOLANUM ELAEAGNIFOLIUM:
Zonosemata electa (Diptera)
 SOLANUM MELONGENA:
Leucinodes orbonalis (?) (Lepidoptera)
Neoleucinodes elegantalis (Lepidoptera)
 SOLANUM TUBEROSUM:
Epicarerus cognatus (Coleoptera)
Eryptochioma albomaculatus (Hemiptera)

SORBUS:

- Lecanium coryli* (Homoptera)

SORGHUM:

- Pyrausta nubilalis* (Lepidoptera)

SPARTIUM:

- Sparticus villosus* (Coleoptera)

SPONDIAS:

- Anastrepha mombinpraeoptans* (Diptera)
Aspidiotus herculeanus (Homoptera)
Pseudonidia trilobitiformis (Homoptera)

Hosts and insects—Continued

STANHOPEA:

Vinsonia stellifera (Homoptera)

STRELITZIA:

Iridomyrmex humilis (Hymenoptera)
Phenacaspis sandwicensis (Homoptera)
Taeniothrips hawaiiensis (Thysanoptera)

STROPHANTHUS:

Aspidiotus spiniger (Homoptera)

SWIETENIA:

Nasutitermes corniger (Isoptera)

THAMNOCHORTUS:

Iridomyrmex humilis (Hymenoptera)

TILLANDSIA:

Ligyrocoris nitidicollis (Hemiptera)

TODEA:

Ceroplastes rubens (Homoptera)

TRIFOLIUM:

Mamestra brassicae (Lepidoptera)
Megophthalmus scanicus (Homoptera)
Thrips angusticeps (Thysanoptera)

TRITONIA:

Iridomyrmex humilis (Hymenoptera)

TULIPA:

Rhopalosiphoninus tulipaellus (Homoptera)

VANDA:

Furcaspis biformis (Homoptera)
Nysius coenosulus (Hemiptera)
Pachybrachius nietneri (Hemiptera)
Pachybrachius nigricaps (Hemiptera)
Parlatoria pseudaspidiotus (Homoptera)

VANILLA:

Lepidosaphes punicae (Homoptera)
Vinsonia stellifera (Homoptera)

VIBURNUM:

Frauenfeldiella jelinekii (Homoptera)

VICIA:

Apion pomonae (Coleoptera)
Bruchidius incarnatus (Coleoptera)
Bruchidius quinqueguttatus (Coleoptera)
Bruchus atomarius (Coleoptera)
Bruchus azoricus (Coleoptera)
Bruchus brachialis (Coleoptera)
Bruchus dentipes (Coleoptera)

VICIA—Continued

Bruchus ervi (Coleoptera)
Bruchus guttalis (Coleoptera)
Bruchus hamatus (Coleoptera)
Bruchus luteicornis (Coleoptera)
Bruchus rufipes (Coleoptera)
Bruchus signaticornis (Coleoptera)
Bruchus tristis (Coleoptera)
Bruchus ulicis (Coleoptera)
Neodryocetes caribaeus (Coleoptera)
Spintherus leguminum (Hymenoptera)

VINCENTIA:

Amorbia emigratella (Lepidoptera)

VITIS:

Carbula marginella (Hemiptera)
Cletus ochraceus (Hemiptera)
Eurygaster maura (Hemiptera)
Iridomyrmex humilis (Hymenoptera)
Leptoglossus chilensis (Hemiptera)
Parlatoria oleae (Homoptera)
Phylctinus callosus (Coleoptera)
Polychrosus botrana (Lepidoptera)
Stenoscelis hylastoides (Coleoptera)

WISTERIA:

Myrmedobia tenella (Hemiptera)

XANTHIUM:

Camaromyia bullans (Diptera)

XYLOSMA:

Tetraleurodes ficj (Homoptera)

ZANTEDESCHIA:

Thrips flavus (Thysanoptera)

ZEA:

Euxesta annonae (Diptera)
Eryptochioma albomaculata (Hemiptera)
Moodna bisinuella (Lepidoptera)
Sesamia cretica (Lepidoptera)

ZINGIBER:

Dinoderus bifoveolatus (Coleoptera)
Palaeopus costicollis (Coleoptera)
Sybra alternans (Coleoptera)

ZIZYPHUS:

Pseudaonidia trilobitiformis (Homoptera)

Host unknown

AIRPLANE:

Colaspis inconspicua (Coleoptera)
Dacus dorsalis (Diptera)
Disonycha militaris (Coleoptera)
Hyalopoplus pellucidus (Hemiptera)
Lema bilineata (Coleoptera)
Melolontha melolontha (Coleoptera)
Mimosestes dominicanus (Coleoptera)
Mitropsylla albolineata (Homoptera)
Nysius coenosulus (Hemiptera)
Nysius dallasi (Hemiptera)
Nysius delectus (Hemiptera)
Nysius terrestris (Hemiptera)
Pantomorus godmani (Coleoptera)
Perkinsiella saccharicida (Homoptera)
Perkinsiella vastatrix (Homoptera)
Sitona lineata (Coleoptera)
Tubifera arvorum (Diptera)

AUTOMOBILE:

Jadera sanguinolenta (Hemiptera)

BAG CONTAINING GUAVAS AND SPONDIAS SPP.:

Anastrepha mombinpraeoptans (Diptera)

BAGGAGE:

Adoretus sinicus (Coleoptera)

BEAN:

Acanthoscelides armitagei (Coleoptera)
Bruchus tristis (Coleoptera)

BURLAP:

Brachyrhinus sulcatus (Coleoptera)

CARDBOARD CARTON:

Cryptotermes brevis (Isoptera)

CUTTING:

Furcaspis biformis (Homoptera)

FERN:

Ceroplastes rubens (Homoptera)
Furcaspis biformis (Homoptera)

FLOWERS:

Haplothrips gowdeyi (Thysanoptera)
Pulvinaria tyleri (Homoptera)
Thrips angusticeps (Thysanoptera)

FOREST LITTER:

Sehirus biguttatus (Hemiptera)

GALLNUT:

Adleria gallae-tinctoriae (Hymenoptera)

GRAIN:

Dinoderus brevipis (Coleoptera)

GRASS:

Bruchus luteicornis (Coleoptera)
"Targionia" sacchari (Homoptera)

HERB:

Maruca testulalis (Lepidoptera)

LEAF:

Aleurotrachelus trachoides (Homoptera)
Aspidiotus palmarum (Homoptera)
Chrysomphalus sphaeroides (Homoptera)
Dialeurodes citrifolii (Homoptera)
Dialeurodes setigera (Homoptera)
Fiorinia phantasma (Homoptera)
Furcaspis biformis (Homoptera)
Haplothrips gowdeyi (Thysanoptera)
Tetraleurodes acaciae (Homoptera)
Tetraleurodes ursorum (Homoptera)

LEGUME:

Aspidiotus palmarum (Homoptera)
Bruchus tristis (Coleoptera)
Callosobruchus phaseoli (Coleoptera)
Callosobruchus pulcher (Coleoptera)
Tetraleurodes acaciae (Homoptera)

MOSS AND SOIL PACKING:

Plinthius brevipennis (Hemiptera)

PACKING:

Plinthius minutissimus (Hemiptera)

*Host unknown—Continued***PLANT:**

- Aleurocanthus woglumi* (Homoptera)
- Chrysomphalus scutiformis* (Homoptera)
- Coccus viridis* (Homoptera)
- Diaprepes abbreviatus* var. (Coleoptera)
- Ferrisia virgata* (Homoptera)
- Iridomyrmex humilis* (Hymenoptera)
- Ozineus prolixus* (Coleoptera)
- Sizeonotus luteiceps* (Hemiptera)

PSEUDOBULB:

- Furcaspis biformis* (Homoptera)

REFRIGERATOR IN TRAILER:

- Anastrepha ludens* (Diptera)

RETURNED MILITARY EQUIPMENT

- Achatina fulica* (Mollusca)

SCRAP METAL:

- Achatina fulica* (Mollusca)

SPHAGNUM MOSS:

- Rhyparochromus chiragra* (Hemiptera)

SUITCASE SHAKEOUT:

- Anastrepha mombinpraeoptans* (Diptera)

WEED:

- Pachyzancla periusalis* (Lepidoptera)

WOOD:

- Bostrychoplites cornutus* (Coleoptera)
- Callidium violaceum* (Coleoptera)
- Coptotermes formosanus* (Isoptera)
- Coptotermes niger* (Isoptera)
- Cryptotermes brevis* (Isoptera)
- Heterobostrychus aequalis* (Coleoptera)
- Heterobostrychus brunneus* (Coleoptera)
- Kaloterms immigrans* (Isoptera)
- Neolytus cacticus* (Coleoptera)
- Pityogenes bidentatus* (Coleoptera)
- Pityogenes chalcographus* (Coleoptera)
- Sinoxylon anale* (Coleoptera)
- Sinoxylon cornigerum* (Coleoptera)
- Sinoxylon serdentatum* (Coleoptera)

WOODS MOSS:

- Acanthoscelides armitagei* (Coleoptera)
- Chaetocnema concinna* (Coleoptera)
- Drymus assimilis* (Hemiptera)
- Galerucella lineola* (Coleoptera)
- Newsteadia floccosa* (Homoptera)
- Orthezia cataphracta* (Homoptera)
- Ortheziola vejdotskyi* (Homoptera)

*Countries of origin and insects***ALGERIA:**

- Ceratitis capitata*
- Parlatoria zizyphus*

AMERICAN SAMOA:

- Aspidiotus panglossensis*

AMERICAN VIRGIN ISLANDS:

- Acanthoscelides armitagei*
- Vinsonia stellifera*

ANGOLA:

- Stephanoderes hampei*

ANTIGUA:

- Cylas formicarius elegantulus*
- Monomorium destructor*
- Pectinophora gossypiella*
- Pinnaspis buxi*

ARGENTINA:

- Acrosternum armiger*
- Agalliana ensigera*
- Anthomyza cursor*
- Coccotrypes pygmaeus*
- Diabrotica speciosa*
- Limothrips cerealium*
- Parlatoria cinerea*
- Pheidole megacephala*
- Pseudoaonidia trilobitiformis*
- Rhinacloa subpallicornis*
- Unaspis citri*

ARUBA:

- Fundella pellucens*
- Orthezia praelonga*

AUSTRALIA:

- Camaromyia bullans*
- Ceroplastes rubens*
- Lepidosaphes tuberculata*
- Pinnaspis buxi*
- Psylla uncata*

AUSTRIA:

- Anthonomus rectirostri*

AUSTRIA (?):

- Ceratitis capitata*

AZORES:

- Apion pomonae*
- Bruchus azoricus*
- Bruchus guttalis*
- Bruchus luteicornis*
- Bruchus tristis*
- Ceratitis capitata*
- Ceroplastes rusci*
- Iridomyrmex humilis*
- Laspeyresia splendana*
- Targionia bromiliae*

BAHAMAS:

- Aleurocanthus woglumi*
- Coccus viridis*
- Dialeurodes citrifolii*
- Gnorimoschema gudmannella*
- Morganella longispina*

BARBADOS:

- Cryptotermes brevis*
- Euscapes postfasciatus*
- Stephanoderes buscki*
- "*Targionia*" *hartii*

BATAVIA:

- Parlatoria pseudaspidotus*

BELGIAN CONGO:

- Pseudoaonidia trilobitiformis*

BELGIUM:

- Acanthoscelides armitagei*
- Cylindronotus laevioctostriatus*
- Gracilaria azalella*
- Hylurgops palliatus*
- Lepidosaphes tuberculata*
- Pityogenes chalcographus*
- Sparteus villosus*

BERMUDA:

- Anuraphis helichrysi*
- Bradybaena similis*
- Diaprepes familiaris* var.
- Epinotia lantana* (?)
- Euxesta notata*
- Frankliniella cubensis*
- Frankliniella difficilis*
- Frankliniella insularis*
- Haplothrips gowdeyi*
- Iridomyrmex humilis*
- Kaloterms snyderi*
- Pheidole megacephala*
- Pseudococcus boninensis*
- Pulvinaria psidii*
- Rhinacloa subpallicornis*

BRAZIL:

- Anastrepha grandis*
- Anastrepha mombinpraeoptans*
- Ancylostoma stercora*
- Aspidiotus palmarum*
- Asterolecanium epidendri*
- Ceratitis capitata*
- Chrysomphalus personatus*
- Coccotrypes pygmaeus*
- Coccus viridis*
- Dialeurodes platensis* (?)
- Dinoderus bifoveolatus*
- Epinotia opposita*
- Eurytoma orchidearum*
- Euscapes postfasciatus*
- Furcaspis biformis*
- Gymnandrosoma aurantianum*
- Heilipus parvulus*
- Iridomyrmex iniquus*
- Iridomyrmex leucomelas*
- Maruca testulalis*
- Mordellistena cattleyana*
- Neoleucinodes elegantalis*
- Oedocheilus pogonocheroides*

Countries of origin and insects—Continued

BRAZIL—Continued

Ozineus prolixus
Parlatoria cinerea
Pectinophora gossypiella
Pinnaspis buzi
Platypus rugulosus
Pseudonidia trilobitiformis
Stenoma catenifer
Stephanoderes hampei
Tenthecoris bicolor
Unaspis citri
Vinsonia stellifera

BRITISH COLUMBIA:

Aleyrodes spiraeoides
Sitona lineata

BRITISH GUIANA:

Ancylostomia stercorea
Euxesta annonae
Furcaspis biformis
Maruca testulalis

BRITISH WEST INDIES:

Acanthoscelides armitagei
Callosobruchus phaseoli
Coccus viridis
Unaspis citri
Vinsonia stellifera

BULGARIA:

Bruchus rufipes

CANADA:

Brachyrhinus ovatus
Gastrodes pacificus
Sitona lineata

CANAL ZONE:

Acanthoscelides armitagei
Anastrepha mombinpraeoptans (?)
Ancylostomia stercorea
Aspidiotus destructor
Chrysomphalus tenax
Chrysomphalus umboniferus
Furcaspis biformis
Heterotermes convexinotatus
Leucaspis cockerelli
Parallelodiplosis cattleyae
Phelomerus aberrans
Pinnaspis buzi
Pseudischnaspis alienus
Pseudococcus probrevipes
Stenoma catenifer
Stephanoderes buscki
"Targionia" hartii
Tenthecoris distinguendus
Vinsonia stellifera

CANARY ISLANDS:

Ceratitis capitata

CANTON ISLAND:

Ferrisiana virgata

CHILE:

Iridomyrmex humilis
Lampetia equestris
Leptoglossus chilensis
Oedionychis decorata

CHINA:

Callosobruchus ademptus
Chilo simplex
Chionaspis elongata
Coptotermes formosanus
Parlatoria camelliae
Parlatoria zizyphus
Taeniothrips hawaiiensis

COLOMBIA:

Aleurocanthus woglumi
Aleurothrixus floccosus
Asterolecanium epidendri
Eurytoma orchidearum
Furcaspis biformis
Lincus rufospilotus
Metamasius sericeus var.
Mimosestes dominicanus
Paraleyrodes citricolus
Pseudonidia tesserrata
Pseudoparlatoria ostreata
Stenoma catenifer
Tenthecoris venezuelensis

CORSICA (?):

Leucaspis signoreti

COSTA RICA:

Aleurocanthus woglumi
Amorbia emigratella (?)
Anastrepha mombinpraeoptans
Aspidiotus destructor
Aspidiotus diffinis
Asterolecanium epidendri
Chrysomphalus personatus
Chrysomphalus tingi
Chrysomphalus umboniferus
Fulvius brevicornis
Furcaspis biformis
Lepidosaphes tokionis
Metamasius sericeus
Platypus rugulosus
Pseudischnaspis alienus
Stenoma catenifer
Tetraleurodes ursorum

CUBA:

Aleurotrachelus trachoides
Anastrepha mombinpraeoptans
Anastrepha suspensa
Aspidiotus destructor
Asterolecanium epidendri
Aulacaspis tubercularis
Coccus viridis
Conchaspis angraei
Crociosema plebetana
Cylas formicarius elegantulus
Frankliniella cubensis
Genopaschia protomis (?)
Gnorimoschema gudmannella
Leucaspis indica
Maruca testulalis
Parallelodiplosis cattleyae
Parlatoria cinerea
Parlatoria crotonis
Pheidole megacephala
Platynota rostrana
Protopulvinaria pyriformis
Pseudoparlatoria ostreata
Ribua innoxia
"Targionia" hartii
Vinsonia stellifera

CYPRUS:

Aleurolobus olivinus
Bruchus dentipes
Ceratitis capitata

CZECHOSLOVAKIA:

Ips typographus
Thrips angusticeps
Thrips flavus

DENMARK:

Brachyrhinus ovatus
Chaetocnema concinna
Chaetocnema hortensis
Drymus assimilis
Sparteus villosus
Taeniothrips atratus

DOMINICA:

Aulacaspis tubercularis
Vinsonia stellifera

DOMINICAN REPUBLIC:

Anastrepha mombinpraeoptans
Anastrepha striata
Aspidiotus herculeanus
Coccus viridis
Cylas formicarius elegantulus
Frankliniella insularis
Mimosestes dominicanus
Pectinophora gossypiella

ECUADOR:

Anastrepha striata (?)
Aspidiotus destructor
Metamasius sericeus
Metamasius sericeus var.
Stenoma catenifer

EGYPT:

Bruchidius incarnatus
Ceratitis capitata
Chilo simplex (?)
Cylas formicarius var.
Parlatoria zizyphus
Pectinophora gossypiella

Countries of origin and insects—Continued

ENGLAND:

Adrasus limbatus
Anuraphis helichrysi
Aspidiotus britannicus
Cacoecia pronubana
Chaetocnema hortensis
Drymus assimilis
Drymus brunneus
Drymus sylvaticus
Epidiaspis piricola
Eeergestis forficatus
Hylesinus fraxini
Lampetia equestris
Laspeyresia splendana
Lecanium coryli
Leperisinus fraxini
Lepidosaphes tuberculata
Mamestra brassicae
Myzus ascalonicus
Newsteadia floccosa
Orthozia cataphracta
Orthochaetes setiger
Parlatoria oleae
Psylliodes chrysocephala
Rhopalosiphoninus tulipaeillus
Tarsonemus laticeps
Thrips angusticeps

FINLAND:

Argyresthia conjugella
Callidium violaceum
Pogonocherus fasciculatus

FORMOSA:

Cylas formicarius var.

FRANCE:

Acanthoscelides spinipes
Acrolepis assectella
Adela viridella
Apion carduorum
Apion carduorum var.
Bruchidius aurivillii
Bruchus luteicornis
Bruchus tristiculus
Ceratitis capitata
Crioceris lilii
Epicometis hirta
Eumerus strigatus
Fulvius brevicornis
Gortyna flavago
Heterogaster urticae
Iridomyrmex humilis
Lampetia equestris
Laspeyresia splendana
Leucaspis signoreti
Mamestra brassicae
Niphona picticornis
Orthozia vejdoskyi
Phalonia zephyrana
Pieris brassicae
Podagrica malvae
Pollinia pollini
Pyrausta nubilalis
Rhagoletis cerasi

FRENCH CAMEROONS:

Aspidiotus spiniger

FRENCH WEST AFRICA:

Ceratitis capitata (?)

Phalonia zephyrana

GALAPAGOS ISLANDS:

Chrysomphalus odontoglossi

GERMANY:

Anthonomus rectirostris
Bruchus lentis
Bruchus luteicornis
Callidium violaceum
Ceroplastes rusci
Chilo simplex
Coccus pseudohesperidum
Dicyphus errans
Ernobius abietis
Eurydema oleraceum
Hebrus pusillus
Hylurgops palliatus
Ips typographus
Laspeyresia strobilella
Phalonia zephyrana

GERMANY—Continued

Pityogenes bidentatus
Pityogenes chalcographus
Polygraphus polygraphus
Rhagoletis cerasi
Rhyarochromus chiragra
Spintherus leguminum
Taeniothrips atratus
Thrips angusticeps

GOLD COAST:

Bostrychoplites cornutus
Caryedon fuscus
Ceratitis anonae
Heterobostrychus aequalis
Heterobostrychus brunneus
Oxycaenus hyalinipennis
Pectinophora gossypiella

GREECE:

Acanthoscelides spinipes
Bruchus tristiculus
Bruchus tristis
Ceroplastes rusci
Cryptoblabes gnidiella
Dacus oleae
Eurygaster maura
Eurytoma cynipsea
Frauenfeldiella jelinekii
Haplothrips cottei
Laspeyresia splendana
Lepidosaphes ficus
Leucaspis riccae
Parlatoria oleae
Rhagoletis cerasi (?)
Siphoninus phylliraeae
Stephanitis pyri

GUAM:

Achatina fulica
Aonidiella inornata
Ceroplastes rubens
Dacus dorsalis
Furcaspis biformis
"Lepidosaphes" esakii
Lepidosaphes punicae
Odonaspis greeni
Parlatoria pseudaspidiotus
Pseudococcus palmarum
"Targionia" sacchari

GUATEMALA:

Anastrepha ludens
Anastrepha mombinpraeoptans
Astyochus setiger
Chrysomphalus personatus
Chrysomphalus tenax
Chrysomphalus umboniferus
Coccus pseudohesperidum
Colaspis inconspicua
Conotrachelus perseae
Cryphula apicatus
Dione moneta poeyii
Disomyia militaris
Exptochiomera albomaculata
Ferrisia virgata
Iridomyrmex iniguus
Nasutitermes nigriceps
Neoclytus cacticus
Ogdocoesta biannularis
Platypus rugulosus
Pseudischinaspis alienus
Pseudoparlatoria ostreata
Tetraleurodes acaciae

HAITI:

Acanthoscelides armitagei
Anastrepha mombinpraeoptans
Ancylostoma stercora
Anuraphis helichrysi
Aspidiotus destructor
Cylas formicarius var.
Frankliniella insularis
Haplothrips gowdeyi
"Targionia" sacchari

HAWAII:

Adoretus sinicus
Amorbia emigratella
Araecerus vieillardii
Aspidiotus herculeanus

Countries of origin and insects—Continued

HAWAII—Continued

Caryedon fuscus
Ceratitis capitata
Ceroplastes rubens
Coccus viridis
Coptotermes formosanus
Coptotermes niger
Cryptophlebia illepidia
Cryptorhynchus mangiferae
Cryptotermes brevis
Dacus cucurbitae
Dacus dorsalis
Dialeurodes kirkaldyi
Diocalandra toitensis
Elytrotetrus subtruncatus
Ereunetis flavistriata
Eucalymnatus tessellatus
Euscepes postfasciatus
Furcaspis biformis
Haplothrips gowdeyi
Hyalopopulus pellucidus
Lampides boeticus
Lepidosaphes tokionis
Maruca testulalis
Nysius coenosulus
Nysius dallasi
Nysius delectus
Nysius terrestris
Orydema longulum
Parlatoria crotonis
Parlatoria pseudaspidotus
Pectinophora gossypiella
Perkinsiella saccharicida
Phenacaspis sandwicensis
Pinnaspis buxi
Pinnaspis uniloba
Pseudococcus palmarum
Pulvinaria psidii
Sinoxylon cornigerum
Sybra alternans
Syrilla oceanica
Taeniothrips hawaiiensis
Tubifera arborum
Xystocera globosa

HONDURAS:

Anastrepha mombinpraeoptans
Aspidiotus spinosus
Chrysomphalus umboniferus
Conotrachelus perseae
Leucaspis cockerelli
Metamasius sericeus var.
Mimosastes sallaei
Nasutitermes corniger
Pheidole megacephala
Phelomerus aberrans
Stenoma catenifer
"Targionia" sacchari
Vinsonia stellifera

INDIA:

Bruchus emarginatus
Callosobruchus ademptus
Callosobruchus phaseoli
Caryedon fuscus
Chrysomphalus pinnulifera
Cryptorhynchus mangiferae
Cylas formicarius
Cylas formicarius var.
Dacus cucurbitae (?)
Dinoderus brevis
Ferrissiana virgata
Heterobostrychus aequalis
Lepidosaphes tuberculata
Leucinodes orbonalis (?)
Oryzocarenum laetus
Parlatoria morrisoni
Pectinophora gossypiella
Sinoxylon anale
Sinoxylon conigerum

INDIA (?):

Stenogrinum quadrinotatum

IRELAND:

Aphis grossulariae (?)
Bruchus ervi
Bruchus lentis
Mamestra brassicae

IRELAND—Continued

Megophthalmus scanicus
Orthezia cataphracta
Thrips angustatus

ISRAEL:

Ceratitis capitata
Cryptoblabes gnidiella
Leucaspis loewi

ITALY:

Acanthoscelides spinipes
Aglossa cuprealis
Aleurolobus olivinus
Anuraphis cynariella
Anuraphis helichrysi
Apion carduorum (?)
Aspidiotus britannicus
Aspidiotus spinosus
Aspidiotus zonatus
Brachycerus albidentatus
Brachycerus algerius
Bruchidius gilvus
Bruchidius lividimonus var.
Bruchus ervi
Bruchus guttalis
Bruchus lentis
Bruchus luteicornis
Bruchus rufipes
Bruchus signaticornis
Bruchus tristictulus
Bruchus tristis
Bruchus ulicis
Capitophorus avellanae (?)
Ceratitis capitata
Ceroplastes rusci
Chrysolina americana
Cryptoblabes gnidiella
Dacus oleae
Dizygomyza flavifrons
Dyspessa ulula
Epidiaspis piricola
Eucalymnatus tessellatus
Evergestis forficatus
Erosoma lusitanica
Hemimene juliana
Homotoma ficus
Iphiclidea podalirius
Iridomyrmex humilis
Lamptetia equestris
Laspeyresia splendana
Lepidosaphes ficus
Lepidosaphes newsteadi
Leucaspis loewi
Mamestra brassica
Megastigmus suspectus
Microplax interrupta
Myelois ceratoniae
Parlatoria oleae
Parlatoria zizyphus
Penichora fasciata
Phalonia zephyrana
Phloeotribus scarabaeoides
Phyllotreta atra
Phyllotreta cruciferae
Pieris brassicae
Plinthinus brevipennis
Plinthinus minutissimus
Prays oleellus
Psylliodes chrysocephala
Ptosima umdecimmaculata
Pyrausta nubilalis
Pyrrocoris apterus
Rhagoletis cerasi
Sesamia cretica
Sesamia vutera
Sparteus villosus
Stephanitis pyri
Thrips angusticeps
Trialeurodes lauri

JAMAICA:

Aleurothrixus floccosus
Anastrepha mombinpraeoptans
Asterolecanium epidendri
Chrysomphalus odontoglossi
Chrysomphalus tenax

Countries of origin and insects—Continued

JAMAICA—Continued

Coccus viridis
Dinoderus bifoveolatus
Palaeopus costicollis
Unaspis citri
Vinsonia stellifera

JAPAN:

Acronicta tridens
Anomala orientalis (?)
Antonina sasae
Aonidiella citrina
Aspidiotus cryptomeriae
Callidium rufipenne
Callosobruchus ademptus
Callosobruchus pulcher
Ceroplastes rubens
Chilo simplex
Dialeurodes citri
Dinoderus bifoveolatus
Dinoderus brevis
Laspeyresia splendana
Lepidosaphes chinensis
Lepidosaphes conchiformis
Lepidosaphes japonica
Lepidosaphes newsteadi
Lepidosaphes pallida
Oryctonia jucunda
Parlatoria camelliae
Parlatoria theae
Pectinophora gossypiella
Phenacaspis aucubae
Phenacoccus azaleae
"Poliaspis" pini
Pseudococcus pini
Reticulitermes speratus
Rhiobia praeceps
Unaspis euonymi
Unaspis yanonensis
Vesiculaphis caracis

KOREA:

Callosobruchus ademptus
Carposina sasakii
Gelasma illiturlata
Lepidosaphes conchiformis

KWAJALEIN:

Furcaspis oceanica
Pseudococcus pandani

LEBANON:

Bruchidius incarnatus
Bruchus dentipes
Ceratilis capitata (?)
Chrysomphalus inopinatus
Dacus oleae
Myiopardalis pardalina
Parlatoria oleae
Pectinophora gossypiella
Polychrosis botrana

MADEIRA ISLANDS:

Anuraphis helichrysi
Ceratilis capitata
Cryptoblabes gnidiella
Iridomyrmex humilis
Laspeyresia splendana
Lepidosaphes tuberculata
Phenacoccus madeirensis

MALAYSIA:

Cylas formicarius var.

MALTA:

Ceratilis capitata

MARTINIQUE:

Chrysomphalus personatus

MEXICO:

Acroleucus vicinalis
Aleurocanthus woglumi
Aleuroglandulus emmae
Aleuroparadoxus gardeniae
Aleuroparadoxus ilicicola
Aleuroplatus ilicis
Aleurothrixus floccosus
Aleurothrixus myrtacei
Alpheias conspirata
Amorbia emigratella
Anastrepha ludens
Anastrepha mombinpraeoptans
Anastrepha serpentina (?)

MEXICO—Continued

Anastrepha striata
Antilocoris punctatus
Aspidiotus destructor
Aspidiotus diffinis
Aspidiotus spinosus
Asterolecanium bambusae
Asterolecanium pustulans
Attagenus gloriosae
Automeris randa
Brochymena aculeata
Calligrapha argus
Calligrapha diversa
Capaneus tetricus
Chalcolepidius approximatus
Chelysoma variabilis
Chrysomphalus nigropunctatus
Chrysomphalus personatus
Chrysomphalus scutiformis
Chrysomphalus sphaeroides
Chrysomphalus tenax
Chrysomphalus umboniferus
Coccotrypes pygmaeus
Conchaspis angraci
Conotrachelus aguacatae
Conotrachelus perseae
Copaza lavendera
Corimelaena elegans
Cossonus canaliculatus
Crepidodera asphaltina (?)
Crophius scabrosus
Ctenochira cumulata
Cylas formicarius elegantulus
Dialeurodes citri
Dialeurodes citrifolii
Diaspis miranda
Diatraea magnifactella
Diorymerellus laevimargo
Disonycha antennata
Dysdercus mimulus
Emesopsis nubilus
Epicaerus cognatus
Epinotia opposita
Eucalymnatus tessellatus
Eumysia stigmella
Eberes comyntas
Ebergestis rimosalis
Erptochiamera albomaculata
Erptochiamera oblonga
Ferrisiana virgata
Furcaspis biformis
Gerstaeckeria mutillaria
Gnorimoschema gudmannella
Grapholitha packardii
Icerya littoralis
Ips interstitialis
Iridomyrmex humilis
Jadera sanguinolenta
Kleidocerys godmani
Lepidosaphes philococcus
Lepidosaphes tokionis
Lichtensia lutea
Liggyrocoris abdominalis
Liggyrocoris aurivilliana
Liggyrocoris nitidicollis
Lineodes integra
Loxostege helvialis
Loxostege similalis
Lygaeus circumplicatus
Lygaeus consanguinitus
Lygaeus teapensis
Lygaeus vitticatus
Macropygium reticulare
Mimosestes dominicanus
Mitrapysylla albolineata
Moodna bisinuella
Mordellistena catleyana
Myelobia smerintha
Myzaphis bucktoni (?)
Neoleucinodes elegantalis
Neoleucon horribilis
Ogdocosta biannularis
Ozophora consanguineus
Pachyzancla bipunctalis
Pantomorus godmani

Countries of origin and insects—Continued

MEXICO—Continued

Paraleyrodes citricolus
Paraleyrodes goyabae (?)
Parlatoria camelliae
Parlatoria cinerea
Pectinophora gossypiella
Phatnoma annulipes concisa
Physonota disjuncta
Physorhinus distigma
Plagiodera semivittata
Plagiodera thymaloides
Platynota rostrana
Platypus rugulosus
Platysaissetia castilloae
Pseudischinaspis alienus
Pseudoparlatoria serratulae
Pulvinaria psidii
Puto mexicanus
Rhagoletis pomonella
Rhagoletis striatella
Rhopalophora incrustata
Sisamnes contractus
Sizeonotus luteiceps
Stenoma anonella
Stenoma catenifer
Stephanoderes lecontei
Talponia batesi
Tanymecus confusus
 "Targionia" bromeliae
 "Targionia" sacchari
Tenthoris angustimarginatus
Tenthoris confusus
Tenthoris distinctus
Tetraleurodes acaciae
Tetraleurodes fici
Tetraleurodes quadratus
Tetraleurodes ursorum
Thrips flavus
Toxotrypana curvicauda
Trialeurodes multipori
Trialeurodes oblongifoliae
Trialeurodes vitrinellus
Unaspis citri
Valtissus diversus
Xylobops texanus
Zonosemata electa

MIDWAY ISLAND:

Nysius terrestris

MONTSEERAT:

Callosobruchus phaseoli

MOROCCO:

Lampetia equestris

NETHERLANDS:

Acrolepia assectella
Allantus cinctus
Anuraphis helichrysi
Brachyrhinus sulcatus
Bruchus atomarius
Capitophorus chrysanthemi
Dialeurodes chittendeni
Gracilaria azalella
Ips combrae
Lampetia equestris
Macrosiphoniella oblonga
Mamestra brassicae
Myzus ascalonicus
Pityogenes bidentatus
Pityogenes chalcographus
Rhagoletis alternata (?)
Rhopalosiphoninus tulipae
Scolopostethus decoratus
Serica brunnea
Tarsonemus laticeps
Thrips angusticeps
Trionymus peregrinus
Trioxa urticae

NETHERLANDS EAST INDIES:

Lepidosaphes tokionis
Stephanoderes hampei

NETHERLANDS WEST INDIES:

Mimostes dominicanus

NEVIS:

"Targionia" hartii

NEW ZEALAND:

Parlatoria camelliae

NICARAGUA:

Aleurocanthus woglumi
Anastrepha mombinpraeoptans
Chrysomphalus scutiformis
Neoclytus cacticus
Stenoma catenifer
Tetraleurodes acaciae

NIGERIA:

"Chionaspis" funtumiae
 "Targionia" sacchari

NORTHERN IRELAND:

Thrips angusticeps

NORWAY:

Argyresthia conjugella
Dryinus brunneus
Galerucella lineola
Leucaspis loewi
Pityogenes chalcographus
Tetropium fuscum
Thrips angusticeps

PAKISTAN:

Cryptorhynchus mangiferae

PALAU ISLAND:

Achatina fulica

PANAMA:

Acanthoscelides armitagei
Aleurotrachelus trachoides
Anastrepha mombinpraeoptans
Aspidiotus destructor
Aspidiotus palmarum
Asterolecanium pustulans
Ferrisia virgata
Furcaspis biformis
Heterotermes tenuis
Kaloterms immigrans
Lepidosaphes tokionis
Leucaspis cockerelli
Metamasius sericeus
Pinnaspis buxi
Pseudaonidia tessarata
Stenoma anonella
Stenoma catenifer

PERU:

Anastrepha serpentina
Epinotia opposita
Stenoma catenifer

PHILIPPINES:

Aonidiella inornata
Aspidiotus coryphae
Aspidiotus degeneratus
Aspidiotus destructor
Aspidiotus excisus
Aspidiotus palmarum
Aspidiotus spinosus
Callosobruchus phaseoli
Callosobruchus pulcher
Coccus viridis
Cylas formicarius
Cylas formicarius var.
Dacus dorsalis (?)
Dialeuropora setigera
Dinoderus brevis
Ferrisia virgata
Fiorinia phantasma
Lepidosaphes tokionis
Monomorium destructor
Pachybrachius nietneri
Pantomorus godmani
Parlatoria pseudaspidiotus
Parlatoria zizyphus
Pectinophora gossypiella
Prays endocarpa
Pseudococcus palmarum
Pulvinaria tyleri
Trionymus sacchari

PHILIPPINES (?):

Dialeurodes citri

POLAND:

Bruchus luteicornis
Pityogenes bidentatus

PORTUGAL:

Aglossa cuprealis
Bruchus luteicornis
Bruchus tristiculus
Bruchus tristis

Countries of origin and insects—Continued

PORTUGAL—Continued

Caryedon fuscus
Ceratitis capitata
Dacus oleae
Hypera fasciculata
Iridomyrmex humilis
Laspeyresia splendana
Orthotomicus erosus
Orthotomicus laricus
Pieris brassicae
Sinoxylon serdentatum

PUERTO RICO:

Acanthoscelides armitagei
Anastrepha mombinpraeoptans
Anastrepha suspensa
Ancylostomia stercorea
Aspidiotus herculeanus
Brachyacma palpigera
Coccus viridis
Cryptotermes brevis
Cylas formicarius elegantulus
Diaprepes abbreviatus var.
Euscapes postfasciatus
Frankliniella insularis
Fundella pellucens
Furcaspis biformis
Gnorimoschema gudmannella
Lechriops psidii
Maruca testulalis
Morganella longispina
Pachyzancla bipunctalis
Pachyzancla periusalis
Pectinophora gossypiella
Platynota rostrana
Protopulvinaria longivalvata
Sphenarches caffer
Stephanoderes depressus
"Targionia" sacchari
Unaspis citri
Vinsonia stellifera

RHODESIA:

Asterolecanium stentae

ST. KITTS:

Pheidole megacephala
"Targionia" hartii

ST. LUCIA:

Acanthoscelides armitagei

ST. VINCENT:

Callosobruchus phaseoli

SAIPAN:

Achatina fulica
Aspidiotus palmae

SALVADOR:

Anastrepha mombinpraeoptans
Anastrepha serpentina
Aulacaspis tubercularis
Chrysomphalus scutiformis
Cosmopolites sordidus
Ferrisia virgata
Stenomacrus catenifer

SAUDI ARABIA:

Dacus oleae
Parlatoria morrisoni
Parlatoria zizyphus

SCOTLAND:

Acalypta parvula
Gelechia ericetella
Lochmaea suturalis
Micrelus ericae
Orthezia cataphracta
Taeniothrips atratus
Taeniothrips ericae
Ulopa reticulata

SIAM:

Nephotettix apicalis
Pachybrachius nigriceps
Parlatoria pseudaspidotus
Pectinophora gossypiella

SIAM (?):

Dialeurodes kirkaldyi

SOUTH AMERICA:

Stephanoderes hampei

SOUTH PACIFIC:

Perkinsiella vastatrix

SPAIN:

Bruchus signaticornis
Ceratitis capitata
Cryptoblabes gnidiella
Dacus oleae
Epidiaspis piricola
Laspeyresia splendana
Parlatoria cinerea
Parlatoria oleae
Rhagoletis cerasi

STRAITS SETTLEMENTS:

Cylas formicarius var.

SWEDEN:

Anuraphis helichrysi
Argyresthia conjugella
Callidium violaceum
Epidiaspis piricola
Lampetia equestris
Pityogenes chalcographus
Plagiognathus arbustorum
Rhagoletis cerasi (?)
Sehrus biguttatus
Serica brunnea (?)
Taeniothrips atratus
Thrips angusticeps

SWITZERLAND:

Laspeyresia splendana
Myrmedobia tenella
Psylla rhododendri
Pyrausta nubilalis
Rhagoletis cerasi

SYRIA:

Adleria gallae-tinctoriae
Aleurolobus olivinus
Bruchidius quinqueguttatus
Bruchus dentipes
Bruchus ervi
Bruchus rufipes
Bruchus ulicis
Ceratitis capitata
Chrysomphalus inopinatus
Dacus oleae
Dialeurodes kirkaldyi
Hypoborus ficus
Megastigmus pistaciae
Pectinophora gossypiella

TAHITI:

Cylas formicarius var.
Euscapes postfasciatus

TRANSVAAL:

"Chionaspis" exalbida

TRINIDAD:

Acanthoscelides armitagei
Anastrepha mombinpraeoptans
Anastrepha striata (?)
Aspidiotus excisus
Coccus viridis
Conchaspis angraeci
Dercynus micronyx
Eurytoma orchidearum
Furcaspis biformis
Gymnandrosoma aurantianum
Mimosestes dominicanus
Neodryocetes caribaeus
Parlatoria pseudaspidotus
Protopulvinaria longivalvata
Protopulvinaria pyriformis
Pseudonidia trilobitiformis
Pulvinaria psidii
Vinsonia stellifera

TRIPOLI:

Dacus oleae

TUNISIA:

Aspidiotus zonatus
Epicometis hirta

TURKEY:

Acanthoscelides spinipes
Bruchidius quinqueguttatus
Bruchus brachialis
Bruchus dentipes
Bruchus ervi
Bruchus hamatus

Countries of origin and insects—Continued

TURKEY—Continued

Bruchus rufipes
Bruchus tristis
Bruchus ulicis
Ceratitis capitata
Eurytoma onobrychidis

UNION OF SOUTH AFRICA:

Antestia variegata lineaticollis
Argyroproct leucotreta
Carbula marginella
Cletus ochraceus
Haplothrips bagnalli
Homothrips distinctus
Iridomyrmex humilis
Paromius gracilis
Phlyctinus callosus
Stenoscelis hylastoides

UNKNOWN:

Ceratitis capitata
Ceutorhynchus assimilis
Chrysomphalus pinnulifera
Cryptoblabes gnidiella
Cryptorhynchus mangiferae
Haplothrips cottei
Lema bilineata
Melolontha melolontha
Pseudaonidia trilobitiformis
Rhagoletis alternata
Selenothrips rubrocinctus
Stenoma catenifer
Thrips flavus

VENEZUELA:

Anastrepha mombinpraeoptans
Asterolecanium epidendri
Chrysomphalus tenax
Chrysomphalus umboniferus
Coccus viridis
Conchaspis angraeci
Cryptotermes brevis
Epinotia opposita
Eurytoma orchidearum
Euscepes postfasciatus
Ferrisiana virgata
Furcaspis bifurmis
Maruca testulalis
Neoclytus cacticus
Pectinophora gossypiella
Protopulvinaria longivalvata
Protopulvinaria pyriformis
Pseudischinaspis alienus
Tenthecoris venezuelensis
Vinsonia stellifera

VIRGIN ISLANDS

Anastrepha mombinpraeoptans (?)
Ceroplastes denudatus
Euscepes postfasciatus
Pectinophora gossypiella

WEST INDIES:

Euscepes postfasciatus
Pulvinaria urbicola

YUGOSLAVIA:

Myelois ceratoniae

List of pests (diseases) collected and reported from July 1, 1949, to
 June 30, 1950, inclusive

[An asterisk indicates State inspection]

Disease and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
<i>Alternaria citri</i> Ell. & Pierce:					
<i>Citrus limon</i> (lemon)	Italy, Lebanon		1	1	Pa., Va.
<i>Citrus sinensis</i> (orange)	Australia		1		Calif.*
<i>Alternaria dianthi</i> F. L. Stevens & J. G. Hall:					
<i>Dianthus</i> sp. (carnation)	France, Japan, Peru	3		1	N. Y., Tex., Wash.
<i>Alternaria porri</i> (Ell.) Cif.:					
<i>Allium cepa</i> (onion)	Mexico	1			Tex.
<i>Aphanomyces raphani</i> Kendr.:					
<i>Raphanus sativus</i> (radish)	do	4			Tex.
<i>Aphelenchoides ribes</i> (Taylor) Goodey (?):					
Soil with lavender plant	England			1	N. Y.
<i>Aphelenchoides subterraneus</i> Cobb:					
<i>Iris orchoides</i> (orchid iris)	Netherlands			1	N. J.
<i>Narcissus</i> sp.	Italy			1	N. J.
<i>Aphelenchus agricola</i> De Man:					
Soil with carnation plant	do			1	N. Y.
<i>Aphelenchus avenae</i> Bastian:					
Soil with carnation cutting	do			1	N. Y.
Soil with dahlia tubers	Poland			1	N. Y.
Soil with herbaceous perennials	Germany			1	N. J.
Soil with potted organum plant	Turkey		1		Pa.
<i>Arthrobotrys superba</i> Cda.:					
<i>Medicago</i> sp.	Canada			1	N. J.
<i>Ascochyta citri</i> Penz. (?):					
<i>Citrus limon</i> (lemon)	Italy	1			Pa.
<i>Citrus sinensis</i> (orange)	Fiji Islands		1		Hawaii.
<i>Ascochyta pisi</i> Lib.:					
<i>Pisum sativum</i> (pea)	Azores, Mexico, Peru	6	2		N. Y., Tex.
<i>Vicia faba</i> (broadbean)	Italy		1		N. Y.
<i>Botryosphaeria ribis</i> (Fr.) Gross. & Dugg.:					
<i>Salix</i> sp. (willow)	Argentina			1	N. Y.

List of pests (diseases) collected and reported from July 1, 1949, to June 30, 1950, inclusive—Continued

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Disease and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
<i>Botrytis elliptica</i> (Berk.) Cke.:					
<i>Lilium auratum</i> (goldband lily)	Japan	1		3	Calif.*
<i>Lilium giganteum</i> (giant lily)	do			1	Calif.*
<i>Lilium japonicum</i> (Japanese lily)	do			1	Calif.*
<i>Lilium rubellum</i> (rubellum lily)	do			1	Calif.*
<i>Lilium speciosum rubrum</i> (pink speciosum lily)	do			8	Calif.*
<i>Lilium</i> sp.	China, Japan			7	Calif.*
<i>Botrytis galanthina</i> (Berk. & Br.) Sacc.:					
<i>Galanthus nivalis plenus</i>	Netherlands			1	N. J.
<i>Galanthus</i> sp.	Netherlands, Turkey			23	Calif.*, Mich., Ohio, N. J., N. Y.
<i>Botrytis gladiolorum</i> Timmermans:					
<i>Gladiolus</i> sp.	Mexico	1			Tex.
Camellia yellow-spot virus:					
<i>Camellia japonica</i> (camellia)	Italy			1	N. J.
<i>Camillea sagraena</i> (Mont.) Berk. & Curt.:					
<i>Laelia</i> sp. (orchid)	Panama			1	Pa.
Cancerosis "B":					
<i>Citrus limon</i> (lemon)	Argentina		4		Md., Mass., N. Y., Tex.
<i>Cercospora bolleana</i> (Thuem.) Speg.					
<i>Ficus carica</i> (fig)	Mexico			1	Tex.
<i>Cercospora capparidis</i> Sacc.:					
<i>Capparis spinosa</i> (?) (caper)	Yugoslavia	1			N. Y.
<i>Cercospora codinaei</i> Frag. & Cif.:					
<i>Codiaeum</i> sp. (croton)	Mexico			1	Tex.
<i>Cercospora coffeicola</i> Berk. & Cke.:					
<i>Coffea</i> sp. (coffee)	Brazil, British West Indies	1	1		Ala., Tex.
<i>Cercospora fraxinites</i> Ell. & Ev.:					
<i>Fraxinus berlandieriana</i> (berlandier ash)	Mexico	1			Tex.
<i>Fraxinus</i> sp. (ash)	do	1			Tex.
<i>Cercospora gossypina</i> Cke.:					
<i>Gossypium</i> sp. (cotton)	do	1			Tex.
<i>Cercospora handelii</i> Bub.:					
<i>Rhododendron indicum</i> (indica azalea)	Belgium			1	N. J.
<i>Rhododendron</i> sp.	Belgium, Netherlands			9	N. J.
<i>Cercospora insulana</i> (Sacc.) Chupp:					
<i>Armeria</i> sp. (statice)	Mexico	1			Tex.
<i>Cercospora lythracearum</i> Heald & Wolf:					
<i>Punica granatum</i> (pomegranate)	Mexico, Puerto Rico	5			N. Y., Tex.
<i>Cercospora musae</i> Zimm.:					
<i>Musa paradisiaca sapientum</i> (banana)	Brazil, Canal Zone, Colombia, Costa Rica, Cuba, Dominican Republic, Ecuador, Grenada, Guatemala, Haiti, Honduras, India, Martinique, Mexico, Panama	173	4		Calif.*, La., Md., Mass., N. Y., Pa., S. C., Tex.
<i>Cercospora neriella</i> Sacc.:					
<i>Nerium oleander</i> (oleander)	Bermuda	3			N. Y.
<i>Cercospora oryzae</i> Miyake:					
<i>Oryza sativa</i> (rice)	Mexico	2			Tex.
<i>Cercospora physalicola</i> Ell. & Barth.:					
<i>Physalis</i> sp. (husk tomato)	do	1			Tex.
<i>Cercospora pini-densiflorae</i> Hori & Nambu:					
<i>Pinus massoniana</i> (Masson pine)	China			2	Calif.*, Hawaii
<i>Cercospora ricinella</i> Sacc. & Berl.:					
<i>Ricinus communis</i> (castor-bean)	Mexico	1			Tex.
<i>Cercospora sorghi</i> Ell. & Ev.:					
<i>Sorghum halepense</i> (Johnson grass)	do	1			Tex.
<i>Cercospora violae</i> Sacc.:					
<i>Viola tricolor</i> (pansy)	Italy	1			N. Y.
<i>Chaetomium elatum</i> G. Kunze & Schm.:					
<i>Oryza sativa</i> (rice)	Mexico	1			Tex.

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<i>Chlamydomyces palmarum</i> (Cke.) Mason:					
<i>Colocasia esculenta</i> (dasheen).....	China	1			Calif.*
<i>Chrysomya rhododendri</i> (DC.) D By.:					
<i>Rhododendron ferrugineum</i>	Austria, Germany, Switzerland.	3		2	Mass., N. Y.
<i>Rhododendron</i> sp.....	Austria, Switzerland.			2	N. J.
<i>Colletotrichum agaves</i> Cav.:					
<i>Agave americana</i> (century plant).....	Mexico	1			Tex.
<i>Colletotrichum cajani</i> Rangel:					
<i>Cajanus cajan</i> (pigeonpea).....	Puerto Rico	10			N. Y., P. R.
<i>Colletotrichum cinctum</i> (Berk. & Curt.) Ston.:					
<i>Cymbidium</i> sp. (orchid).....	England			1	Hawaii.
Orchid.....	Mexico			1	Ariz.
<i>Colletotrichum falcatum</i> Went:					
<i>Saccharum officinarum</i> (sugarcane).....	Haiti, Mexico	2			Fla.*, Tex.
<i>Sorghum halepense</i> (Johnson grass).....	Mexico	1			Tex.
<i>Colletotrichum graminicolum</i> (Ces.) G. W. Wils:					
Grass.....	do	1			Tex.
<i>Sorghum vulgare</i> (sorghum).....	China			1	D. C.
<i>Sorghum vulgare technicum</i> (broomcorn).....	Mexico	1			Tex.
<i>Colletotrichum lilacearum</i> (Schw.) Ferr.:					
<i>Iris</i> sp.....	England			1	Calif.*
<i>Colletotrichum lilii</i> Plakidas:					
<i>Lilium auratum</i> (goldband lily).....	Japan	1		19	Calif.*, Wash.
<i>Lilium candidum</i> (Madonna lily).....	Netherlands			1	N. Y.
<i>Lilium giganteum</i> (giant lily).....	Japan			3	Calif.*, Wash.
<i>Lilium japonicum</i> (Japanese lily).....	do			4	Calif.*, Wash.
<i>Lilium longiflorum</i> (Easter lily).....	Mexico	1			Tex.
<i>Lilium philippinense</i> (Philippine lily).....	Japan			1	Wash.
<i>Lilium rubellum</i> (rubellum lily).....	do			1	Calif.*
<i>Lilium speciosum rubrum</i> (pink speciosum lily).....	do			28	Calif.*, Wash.
<i>Lilium tigrinum</i> (tiger lily).....	do			5	Calif.*, Wash.
<i>Lilium</i> sp.....	China, Japan	1		11	Calif.*, Wash.
<i>Colletotrichum omnivorum</i> Halst.:					
<i>Aspidistra</i> sp.....	Belgium			1	N. J.
<i>Colletotrichum pisti</i> Pat.:					
<i>Pisum sativum</i> (pea).....	Mexico	4			Tex.
<i>Coniosporium shiraianum</i> (Syd.) Bub.:					
Bamboo.....	Japan			1	Wash.
<i>Coniothyrium hellebori</i> Cke. & Mass.:					
<i>Helleborus niger</i> (Christmas-rose).....	Netherlands			1	N. J.
<i>Helleborus</i> sp.....	England			1	Wash.
<i>Coryneum beijerinckii</i> Oud.:					
<i>Prunus armeniaca</i> (apricot).....	Austria	1			N. Y.
<i>Prunus persica</i> (peach).....	Italy, Mexico	3			N. Y., Tex.
<i>Coryneum microstictum</i> Berk. & Br.:					
<i>Rosa</i> sp.....	Netherlands			1	Wash.
<i>Vitis</i> sp. (grape).....	Scotland			1	N. J.
<i>Cronartium ribicola</i> Alek. Fisch.					
<i>Ribes</i> sp. (red currant).....	Denmark			1	N. Y.
<i>Cryptospora longispora</i> Servazzi (?):					
<i>Cocos nucifera</i> (coconut).....	Mexico	1			Tex.
<i>Curvularia lunata</i> (Wakk.) Boed.:					
<i>Allium cepa</i> (onion).....	do	1			Tex.
<i>Ananas comosus</i> (pineapple).....	do	1			Tex.
<i>Gladiolus</i> sp.....	French Guinea, Mexico	1		1	D. C., Tex.
<i>Cycloconium oleaginum</i> Cast.:					
<i>Olea europaea</i> (olive).....	Italy	1			N. Y.
<i>Cytospora punica</i> Sacc. (?):					
<i>Punica granatum</i> (pomegranate).....	Mexico	1			Tex.
<i>Diaporthe eres</i> Nits.:					
<i>Malus sylvestris</i> (apple).....	Sweden			1	Pa.
<i>Diplocarpon earliana</i> (Ell. & Ev.) Wolf:					
<i>Fragaria</i> sp. (strawberry).....	Norway			1	N. Y.
<i>Diplodia castaneae</i> Sacc.:					
<i>Castanea</i> sp. (chestnut).....	Italy	1			Tex.
<i>Diplodia epicoccos</i> Cke.:					
<i>Cocos nucifera</i> (coconut).....	Mexico	2	1		Tex.

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<i>Diplodia theobromae</i> (Pat.) Nowell:					
<i>Achras zapota</i> (sapodilla).....	Puerto Rico.....	1			P. R.
<i>Allium cepa</i> (onion).....	Mexico.....	1			Tex.
<i>Ananas comosus</i> (pineapple).....	do.....	2			Tex.
<i>Areca cathecu</i> (betel palm).....	Philippines.....	1			Hawaii.
<i>Citrus limon</i> (lemon).....	Italy.....	1			N. Y.
<i>Dendrobium phalaenopsis</i> (orchid).....	Australia.....		1		Calif.*
<i>Manihot esculenta</i> (cassava).....	Philippines.....		1		Calif.*
<i>Nymphaea</i> sp. (waterlily).....	Cuba.....	1			N. Y.
Orchid.....	Mexico.....			2	Tex.
<i>Theobroma cacao</i> (cacao).....	Dominican Republic.....	1			N. Y.
<i>Diplodiella oryzae</i> Miyake:					
<i>Oryza sativa</i> (rice).....	China.....	1			Wash.
<i>Diplodina rostrupii</i> Vest.:					
<i>Andromeda</i> sp.....	Netherlands.....			1	N. J.
<i>Discosia artocreas</i> Fr.:					
<i>Gaultheria shallon</i> (salal).....	Canada.....			1	Calif.*
<i>Ditylenchus dipsaci</i> (Kuhn) Filip.:					
<i>Galltonia candicans</i> (summer-hyacinth).....	Netherlands.....			1	N. J.
<i>Ditylenchus intermedius</i> (de Man) Filip.:					
Soil with unidentified roots.....	Germany.....			1	N. Y.
<i>Elsinoe australis</i> Bitanc. & Jenkins:					
<i>Citrus aurantifolia</i> (lime).....	Brazil.....		1		Calif.*
<i>Citrus limon</i> (lemon).....	Argentina, Brazil.....	1	41		Ala., Calif., La., Md., N. Y., Pa., Tex., Va.
<i>Citrus paradisi</i> (grapefruit).....	Brazil.....		1		N. Y.
<i>Citrus reticulata</i> (Mandarin orange).....	do.....		2		N. Y., Pa.
<i>Citrus sinensis</i> (orange).....	Argentina, Brazil.....	2	40		Ala., Calif., Fla., La., Md., Mass., N. Y., Pa., Tex.
<i>Citrus</i> sp. (orange).....	do.....		9		Fla., Md., N. Y.
<i>Elsinoe phaseoli</i> Jenkins:					
<i>Phaseolus lunatus macrocarpus</i> (lima bean) ..	Cuba, Puerto Rico.....	8			N. Y.
<i>Entyloma oryzae</i> Syd. & P. Syd.:					
<i>Oryza sativa</i> (rice).....	Mexico.....	1			Tex.
<i>Erwinia citrimaculans</i> (Doidge) Magrou:					
<i>Citrus limon</i> (lemon).....	Italy.....	6			N. Y.
<i>Eucephalobus oxyuroides</i> (de Man) Steiner:					
Unidentified plant.....	do.....			1	N. Y.
<i>Exobasidium vaccinii</i> (Fckl.) Woron.:					
<i>Rhododendron indicum</i> (indica azalea).....	Belgium.....			1	N. J.
<i>Fabraea maculata</i> Atk.:					
<i>Cydonia oblonga</i> (quince).....	Mexico.....	1			Tex.
<i>Fusarium oxysporum</i> Schlecht.:					
<i>Crocus</i> sp.....	Netherlands.....			1	Tex.
<i>Fusarium oxysporum</i> Schlecht. f. <i>cepae</i> (Hanz.) Snyd. & Hansen:					
<i>Allium cepa</i> (onion).....	Mexico.....	2			Tex.
<i>Fusarium oxysporum</i> Schlecht. f. <i>gladioli</i> (Massey) Snyd. & Hansen:					
<i>Gladiolus</i> sp.....	England, Netherlands.....			26	Ala., Mich., N. Y., Pa., S. C., Tex.
<i>Fusarium oxysporum</i> Schlecht. f. <i>lycopersici</i> Sacc.:					
<i>Lycopersicon esculentum</i> (tomato).....	Mexico.....	1			Tex.
<i>Fusarium oxysporum</i> Schlecht. f. <i>narcissi</i> Snyd. & Hansen:					
<i>Narcissus</i> sp.....	England, Netherlands.....			12	Calif., Minn., N. J., Tex.
<i>Fusarium oxysporum</i> Schlecht. f. <i>niveum</i> (E. F. Sm.) Snyd. & Hansen:					
<i>Citrullus vulgaris</i> (watermelon).....	Mexico.....	1			Tex.
<i>Fusarium oxysporum</i> Schlecht. f. <i>tuberosi</i> Wr.:					
<i>Solanum tuberosum</i> (potato).....	Denmark, Mexico.....	1	1		Tex., Wash.

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<i>Fusicladium depressum</i> (Berk. & Br.) Sacc.: <i>Poenicium vulgare</i> (fennel).....	Czechoslovakia.....	1	—	—	N. Y.
<i>Fusicladium eriobotryae</i> Cav.: <i>Eriobotrya japonica</i> (loquat).....	Italy.....	2	—	—	N. Y.
<i>Fusicladium pyracanthae</i> (Oth) Rostr.: <i>Pyracantha kasan</i>	Netherlands.....	—	—	1	N. J.
<i>Pyracantha</i> sp.....	do.....	—	—	1	N. J.
<i>Fusicoccum galericulatum</i> Sacc.: <i>Fagus sylvatica</i> (European beech).....	do.....	—	—	1	N. J.
<i>Fagus sylvatica atropurpurea</i>	do.....	—	—	1	N. J.
<i>Gliomastix convoluta</i> (Harz.) Mason: <i>Eleocharis dulcis</i> (waternut).....	China.....	12	—	—	Calif.*
<i>Pueraria thunbergiana</i> (kudzu-bean).....	do.....	8	—	—	Calif.*
<i>Scilla hispanica</i> (Spanish squill).....	Netherlands.....	—	—	1	Calif.*
<i>Solanum tuberosum</i> (potato).....	Australia.....	—	1	—	Calif.*
<i>Zingiber officinale</i> (ginger).....	China.....	44	—	—	Calif.*
<i>Gloeodes pomigena</i> (Schw.) Colby: <i>Malus sylvestris</i> (apple).....	Germany, Japan, Mexico. ico.....	3	—	—	Minn., N. Y. Tex.
<i>Gloeosporium catechu</i> Syd.: <i>Areca cathecu</i> (betel palm).....	Guam.....	1	—	—	Mass.
<i>Gloeosporium epidendri</i> P. Henn.: <i>Epidendrum skinneri</i> (orchid).....	Costa Rica.....	—	—	1	Hawaii.
<i>Gloeosporium leguminum</i> (Cke.) Sacc.: <i>Prosopis</i> sp. (mesquite).....	Mexico.....	4	—	—	Tex.
<i>Gloeosporium piperatum</i> Ell. & Ev.: <i>Capsicum frutescens longum</i> (red pepper).....	Gold Coast.....	—	1	—	Pa.
<i>Gloeosporium sansevieriae</i> Verwoerd & du Plessis: <i>Sansevieria</i> sp.....	Canal Zone.....	—	—	1	Calif.*
<i>Glomerella cincta</i> (Ston.) Spauld. & Schrenk: <i>Laelia anceps</i> (orchid).....	Mexico.....	—	—	1	Tex.
<i>Gnomonia iliau</i> Lyon: <i>Saccharum officinarum</i> (sugarcane).....	do.....	1	—	—	Tex.
<i>Gymnosporangium haraeaeum</i> Syd.: <i>Chaenomeles lagenaria</i> (flowering quince).....	Japan.....	—	—	1	Wash.
<i>Helminthosporium nodulosum</i> Berk. & Curt.: <i>Dactyloctenium aegyptium</i>	Philippines.....	1	—	—	Oreg.
<i>Helminthosporium oryzae</i> Breda de Haan: <i>Oryza sativa</i> (rice).....	Cuba, Greece, Mexico.....	3	—	—	N. J., N. Y. Tex.
<i>Helminthosporium torulosum</i> (Syd.) Ashby: <i>Musa paradisiaca</i> (plantain).....	Cuba.....	6	—	—	N. Y.
<i>Musa paradisiaca sapientum</i> (banana).....	Pakistan.....	1	—	—	N. Y.
<i>Helminthosporium turcicum</i> Pass.: <i>Sorghum vulgare</i> (sorghum).....	Mexico.....	1	—	—	Tex.
<i>Hendersonia opuntiae</i> Ell. & Ev.: <i>Opuntia compressa</i> (pricklypear).....	do.....	1	—	—	Tex.
<i>Hendersonia sarmentorum</i> West.: <i>Vitis</i> sp. (grape).....	Italy.....	—	—	1	N. Y.
<i>Heterodera avenae</i> Eidam: Soil with fig cuttings.....	do.....	—	—	1	N. Y.
<i>Heterodera goettingiana</i> Liebscher: Soil with <i>Sempervivum</i> sp.....	do.....	—	—	1	N. Y.
<i>Heterodera punctata</i> Thorne: Soil with cactus plant.....	Ireland.....	—	—	1	N. Y.
Soil with carrots.....	Netherlands.....	—	1	—	Va.
Soil with chrysanthemum plants.....	England.....	—	—	1	Wash.
Soil with dahlia tuber clumps.....	do.....	—	—	1	N. J.
Soil with wild flower plants.....	Norway.....	—	—	1	N. J.
Soil with clumps of <i>Iris germanica</i>	Germany.....	—	—	1	Calif.*
Soil with <i>Lavendula</i> sp.....	England.....	—	—	1	N. J.
Soil with orchid roots.....	do.....	—	—	1	N. J.
Soil with potatoes.....	England, Norway.....	—	3	—	Calif.* Md.
Soil with <i>Prunus</i> sp.....	England.....	—	—	1	N. J.
Soil with <i>Rubus</i> sp.....	Netherlands.....	—	—	1	N. J.
Soil with shamrock plants.....	Ireland, Northern Ireland.....	—	—	5	N. Y.
Soil with <i>Valeria</i> roots.....	Netherlands.....	2	—	—	N. Y.
Soil.....	France, Germany.....	2	—	1	N. J., N. Y.

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<i>Pterodera rostrata</i> Wr.:					
Screenings from oat straw packing	England	1			N. Y.
Soil with <i>Acacia</i> plants	Argentina		1		N. Y.
Soil with beets	England		1		Va.
Soil from bin containing beets, onions, and parsnips	Scotland		1		Wash.
Soil with cabbage	Ireland		1		Md.
Soil with carrots	England, Ireland, Netherlands		7		Md., Mass., N. Y., Pa., S. C., Tex., Va.
Soil with <i>Calluna</i> sp. roots	Wales			1	N. J.
Soil with celeriac	Netherlands		1		La.
Soil with celery	England, France, Netherlands		7		Md., Mass., N. Y., Tex., Va.
Soil with convallaria pips	Germany			1	N. Y.
Soil with cyclamen plant	Denmark			1	N. Y.
Soil with dahlia	England			2	N. J.
Soil with <i>Erica</i> sp. plants	do			1	N. J.
Soil with <i>Fuchsia</i> plants	do			1	N. Y.
Soil with heather plants	Scotland			5	Ill., N. J., N. Y.
Soil with <i>Heuchera</i> plant	Poland			1	N. Y.
Soil with <i>Helleborus niger</i> roots	Netherlands			1	N. J.
Soil with hollyhock plants and <i>Tritonia</i> corms	England			1	Ill.
Soil with <i>Laurencia</i> sp.	do			1	N. J.
Soil with leeks	do		1		Pa.
Soil with <i>Ligustrum</i> plants	do			1	N. J.
Soil with lily-of-the-valley pips	Germany			5	Calif.,* N. Y.
Soil with maidenhair fern	England			1	Mass.
Soil with parsnips	do		1		Wash.
Soil with miscellaneous plants	England, Ireland			2	N. Y.
Soil with potatoes	Denmark, England, Ireland, Scotland, Sweden		10		Calif.,* La., Md., N. Y., Pa., Va., Wash.
Soil with rutabagas	England, Netherlands		2		La., Va.
Soil with saxifraga plants	England			1	N. J.
Soil with shamrock plants	Ireland, Northern Ireland		3		Ill., Mass., N. Y., Pa.
Soil with tulip bulbs	England			3	N. Y.
Soil with turnips	England, Netherlands		5		La., N. Y., Va.
Soil	Ireland, Scotland			2	N. J., N. Y.
<i>Pterodera schachtii</i> Schmidt:					
Soil with carnation plants	Italy			1	N. Y.
Soil with lily-of-the-valley pips	Germany			2	Calif.,* N. J.
Soil with <i>Galanthus</i> sp. bulbs	do			1	N. J.
Soil with potted succulents	France			1	Calif.*
Soil with <i>Prunus</i> sp.	England			1	N. J.
Soil with turnips	Netherlands		1		Wash.
Soil with unidentified roots	Germany			1	N. Y.
Soil	France		1		N. J.
<i>Pterodera ornithogalli</i> (Klotzsch) Cke.:					
<i>Ornithogalum thyrsoides</i> (Chinkerichee)	Union of South Africa		3		Pa.
<i>Pterodera variabile</i> Cke.:					
<i>Chrysanthemum</i> sp.	Scotland		1		N. Y.
<i>Permodendrum cladosporioides</i> (Fres.) Sacc.:					
<i>Carica papaya</i> (papaya)	Mexico		1		Tex.
<i>Cydonia oblonga</i> (quince)	do		1		Ariz.
<i>Triopsis griseola</i> Sacc.:					
<i>Phaseolus lunatus macrocarpus</i> (lima bean)	Puerto Rico		1		N. Y.
<i>Ustilidia miniviscula</i> (Lev.) Sacc.:					
<i>Codiaeum</i> sp. (croton)	Philippines (?)		1		Wash.
<i>Ustilidia ruscii</i> (Wallr.) Sacc.:					
<i>Ruscus</i> sp.	Italy		3		Pa.
<i>Ustilidia sacchari</i> Breda de Haan:					
<i>Saccharum officinarum</i> (sugarcane)	Mexico		1		Tex.

List of pests (diseases) collected and reported from July 1, 1949, to June 30, 1950 inclusive—Continued

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Disease and host	Country of origin	Number of interceptions in—			Collected in
		Consumption	Nonentry	Propagation	
<i>Leptosphaeria salvinii</i> Catt.:					
<i>Oryza sativa</i> (rice).....	Japan.....	1			Hawaii.
<i>Leptosphaeria tritici</i> (Garov.) Pass.:					
<i>Triticum aestivum</i> (wheat).....	do.....	1			Calif.*
<i>Leptosphaeria typharum</i> (Desm.) Karst.:					
<i>Typha</i> sp. (cattail).....	Mexico.....	1			Tex.
<i>Leptothyrium pomi</i> (Mont. & Fr.) Sacc.:					
<i>Malus sylvestris</i> (apple).....	Algeria, Austria, Mexico, Spain.	7	1		N. Y., Pa., Tex.
<i>Lophodermium pinastri</i> (Fr.) Chev.:					
<i>Pinus</i> sp. (2-leaved pine).....	Sweden.....			1	N. Y.
<i>Pinus</i> sp.....	Mexico.....	1			Tex.
<i>Macrophoma musae</i> (Cke.) Berl. & Vogl.:					
<i>Musa paradisiaca sapientum</i> (banana).....	Costa Rica, Panama, Philippines.	3			Calif.*
<i>Macrophoma oleae</i> (DC.) Berl. & Vogl.:					
<i>Olea europaea</i> (olive).....	Italy, Saudi Arabia.....	3			N. Y., Pa.
<i>Macrophomina phaseolina</i> (Tassi) Goid.:					
<i>Allium sativum</i> (garlic).....	Italy.....	1			N. Y.
<i>Arachis hypogaea</i> (peanut).....	Gold Coast.....		1		D. C.
<i>Elecharis dulcis</i> (waternut).....	China.....	1			N. Y.
<i>Marasmiella hyalospora</i> (Saw.) Diet.:					
<i>Acacia confusa</i>	do.....			1	Hawaii.
<i>Marmor cucumeris</i> Holmes:					
<i>Cucurbita maxima</i> (squash).....	Mexico.....	1			Tex.
<i>Marmor fragariae</i> Holmes:					
<i>Fragaria</i> sp.....	England.....		1		N. J.
<i>Melampsoridium betulinum</i> (Pers.) Kleb.:					
<i>Betula</i> sp. (birch).....	Finland.....			1	N. Y.
<i>Melanconium betulinum</i> Fr.:					
<i>Betula</i> sp. (birch).....	England.....	1			Pa.
<i>Melanospora zamiae</i> Cda.:					
<i>Pueraria thunbergiana</i> (kudzu-bean).....	China.....	3			Calif.*
<i>Zingiber officinale</i> (ginger).....	do.....	7			Calif.*
<i>Meliola citricola</i> Syd.:					
<i>Citrus</i> sp.....	do.....	1			Hawaii.
<i>Meliola tenella</i> Pat.:					
<i>Murraya paniculata</i> (jasmin-orange).....	Siam (?).....	1			Hawaii.
<i>Meloidogyne arenaria</i> (Neal) Chitwood:					
<i>Begonia</i> sp.....	Belgium.....			2	N. J.
<i>Memnoniella echinata</i> (Rivolta) L. O. Gall.:					
<i>Allium sativum</i> (garlic).....	Mexico.....	1			Tex.
<i>Cattleya citrina</i> (orchid).....	do.....		1		Tex.
<i>Citrus grandis</i> (pummelo).....	China.....		1		Calif.*
<i>Musa paradisiaca sapientum</i> (banana).....	Philippines.....			1	Calif.*
<i>Trapa natans</i> (waterchestnut).....	China.....	1			Calif.*
<i>Zingiber officinale</i> (ginger).....	China, Tahiti.....	40			Calif.*, Wa.
<i>Monilinia fructicola</i> (Wint.) Honey:					
<i>Prunus persica</i> (peach).....	Mexico.....	3	1		Tex.
<i>Monilinia fructigena</i> (Aderh. & Ruhl.) Honey:					
<i>Cydonia oblonga</i> (quince).....	Italy.....	1			N. Y.
<i>Prunus persica</i> (peach).....	France.....		1		Pa.
<i>Monilinia laza</i> (Aderh. & Ruhl.) Honey:					
<i>Prunus cerasus</i> (sour cherry).....	Australia.....		1		Calif.*
<i>Prunus persica</i> (peach).....	Guatemala.....	1			La.
<i>Monochaetia paeoniae</i> (Maub.) Sacc. & D. Sacc.:					
<i>Paeonia suffruticosa</i> (tree peony).....	Japan.....			2	Calif.*
<i>Mycosphaerella brassicola</i> (Fr. ex Duby) Lindau:					
<i>Brassica oleracea capitata</i> (cabbage).....	Ireland.....		1		Pa.
<i>Mycosphaerella caryophylli</i> (Pass.) Cruch.:					
<i>Dianthus</i> sp. (carnation).....	Guatemala.....	1			Tex.
<i>Mycosphaerella citrullina</i> (C. O. Sm.) Gross:					
<i>Cucurbita maxima</i> (squash).....	Mexico.....	1			Tex.
<i>Secium edule</i> (chayote).....	Guatemala.....		1		La.
<i>Mycosphaerella filicum</i> (Desm.) Schroet.:					
Fern frond.....	Japan.....	1			Hawaii.
<i>Mycosphaerella fragariae</i> (Tul.) Lindau:					
<i>Fragaria</i> sp. (strawberry).....	Italy.....			1	Mass.

List of pests (diseases) collected and reported from July 1, 1949, to June 30, 1950, inclusive—Continued

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<i>Aycosphaerella opuntiae</i> (Ell. & Ev.) Dearn.: <i>Echinocactus</i> sp. (cactus).....	Mexico.....	1	Tex.
<i>Thelocactus bicolor</i> (cactus).....	do.....	.....	.....	1	Tex.
<i>Aycosphaerella pomi</i> (Pass.) Lindau: <i>Malus sylvestris</i> (apple).....	do.....	1	.....	.....	Tex.
<i>Aycosphaerella rhododendri</i> (Cke.) G. H. Martin: <i>Rhododendron indicum</i> (indica azalea).....	Belgium.....	.....	.....	1	N. J.
<i>Rhododendron</i> sp.....	Netherlands.....	.....	.....	1	N. J.
<i>Pyrothecium verrucaria</i> (Alb. & Schw.) Ditm. ex Fr.: <i>Vanilla</i> sp. (orchid).....	Palau Island.....	.....	.....	1	Hawaii.
<i>Uystrosporium adustum</i> Mass.: <i>Iris reticulata</i> (netted iris).....	Netherlands.....	.....	.....	2	Ohio, Pa.
<i>Uigrospora sphaerica</i> (Sacc.) Mason: <i>Cymbopogon citratus</i> (lemon grass).....	Straits Settlements.....	.....	1	.....	Calif.*
<i>Oryza sativa</i> (rice).....	China, Japan.....	.....	2	.....	Calif.*
<i>Umphalia flavida</i> (Cke.) Maub. & Rangel: <i>Gardenia augusta</i> (gardenia).....	Guatemala, Mexico.....	1	.....	2	La., Tex.
<i>Phlostoma narcissi</i> Limber: <i>Narcissus</i> sp.....	Ireland, Netherlands.....	.....	.....	2	N. J.
<i>Uapulaspora dodgei</i> Connors: <i>Allium ascalonicum</i> (shallot).....	France.....	1	.....	.....	N. J.
<i>Uapulaspora parasitica</i> (Eidam) Harz.: <i>Allium cepa</i> (onion).....	England.....	1	.....	.....	Calif.*
<i>Scilla hispanica</i> (Spanish squill).....	Netherlands.....	.....	.....	2	Calif.*
<i>Trapa natans</i> (water chestnut).....	China.....	1	.....	.....	Calif.*
<i>Tulipa</i> sp.....	Netherlands.....	.....	.....	1	Calif.*
<i>Ueronespora effusa</i> (Grev.) Rab.: <i>Spinacia oleracea</i> (spinach).....	Mexico.....	2	.....	.....	Ariz.
<i>Uestalotia conspicua</i> Servazzi: <i>Epidendrum</i> sp. (orchid).....	do.....	.....	.....	1	Calif.*
<i>Laelia anceps</i> (orchid).....	do.....	.....	.....	2	Calif., Tex.
<i>Odontoglossum citrosum</i> (orchid).....	do.....	.....	.....	1	Calif.*
<i>Uestalotia funerea</i> Desm.: <i>Cryptomeria japonica</i> (cryptomeria).....	Japan.....	.....	.....	1	Calif.*
<i>Tazus cuspidata</i> (Japanese yew).....	do.....	.....	.....	1	Wash.
<i>Uestalotia gibbosa</i> Harkn.: <i>Gaultheria shallon</i> (salal).....	Canada.....	.....	.....	1	Calif.*
<i>Uestalotia guepini</i> Desm.: <i>Camellia</i> sp.....	England.....	.....	.....	1	Calif.*
<i>Uestalotia macrotricha</i> Kleb.: <i>Rhododendron</i> sp.....	Netherlands.....	.....	.....	2	N. J.
<i>Uestalotia palmarum</i> Cke.: <i>Cocos nucifera</i> (coconut).....	Venezuela.....	.....	1	.....	Pa.
<i>Uestalotia peregrina</i> Ell. & Mart.: <i>Pinus massoniana</i> (Masson pine).....	China.....	.....	.....	1	Calif.*
<i>Uestalotia psidii</i> Pat.: <i>Psidium guajava</i> (guava).....	Mexico.....	1	.....	.....	Tex.
<i>Uestalotia rhododendri</i> (D. Sacc.) Guba: <i>Rhododendron</i> sp.....	Netherlands.....	.....	.....	1	N. J.
<i>Uestalotia scirrofaciens</i> N. A. Brown: <i>Achras zapota</i> (sapodilla).....	Mexico.....	1	.....	.....	Tex.
<i>Uoma citricarpa</i> McAlp.: <i>Citrus aurantifolia</i> (sour lime).....	American Samoa.....	1	.....	.....	Hawaii.
<i>Citrus limon</i> (lemon).....	Australia, China.....	1	5	.....	Mass., N. Y., Pa.
<i>Citrus reticulata</i> (Mandarin orange).....	Australia, China, Japan.....	41	2	.....	Calif.*, Hawaii Mass., N. Y.
<i>Citrus reticulata</i> var. (King orange).....	China, Japan.....	2	1	.....	Calif.*, Hawaii, Mich.
<i>Citrus sinensis</i> (orange).....	Argentina, Australia, Brazil, China, Japan, Philippines, Straits Settlement, Tasmania, Union of South Africa.	69	11	.....	Calif.*, Hawaii, Md., Mass., N. Y.
<i>Citrus</i> sp. (orange).....	China.....	4	Mass., N. Y.
<i>Citrus</i> sp.....	do.....	1	Hawaii.
<i>Uoma viticola</i> Sacc.: <i>Vitis</i> sp. (grape).....	Italy.....	1	N. Y.

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<i>Phomopsis corni</i> Trav.:					
<i>Cornus florida</i> (flowering dogwood).....	Netherlands.....			1	N. J.
<i>Phragmidium disciflorum</i> (Tode) James:					
<i>Rosa</i> sp.....	Germany, Italy.....	3		1	N. Y.
<i>Phragmotrichum chailletii</i> G. Kunze:					
<i>Picea abies</i> (spruce).....	Germany.....	1			N. Y.
<i>Phyllosticta glumarum</i> (Ell. & Tracy) Miyake:					
<i>Oryza sativa</i> (rice).....	Japan.....	1			Calif.*
<i>Phyllosticta laeliae</i> Keissl.:					
<i>Cattleya</i> sp. (orchid).....	Brazil.....			1	Calif.*
<i>Laelia</i> sp. (orchid).....	Mexico.....			1	Tex.
<i>Phyllosticta mortonii</i> Fairm.:					
<i>Mangifera indica</i> (mango).....	do.....	2			Tex.
<i>Phyllosticta nigro-maculans</i> Sacc.:					
<i>Vanda sanderiana</i> (orchid).....	Philippines.....			1	Hawaii.
<i>Phyllosticta ruscicola</i> Dur. & Mont.:					
<i>Ruscus</i> sp.....	Italy.....	3		1	N. Y., Pa.
<i>Phyllosticta sorghina</i> Sacc.:					
<i>Sorghum vulgare</i> (sorghum).....	India.....			1	D. C.
<i>Physalospora camptospora</i> Sacc.:					
<i>Dendrobium undulatum</i> (orchid).....	Australia.....			1	Hawaii.
<i>Physalospora obtusa</i> (Schw.) Cke.:					
<i>Malus sylvestris</i> (apple).....	Italy.....		1		Pa.
<i>Salix</i> sp.....	do.....		1		Pa.
<i>Vitis</i> sp. (grape).....	Portugal.....			1	N. Y.
<i>Plectus parietinus</i> Bastian:					
<i>Colchicum autumnale</i> (autumn crocus).....	Netherlands.....			1	N. J.
Soil with various plants.....	England.....			1	N. Y.
<i>Pleospora herbarum</i> (Pers.) Rab.:					
<i>Cytisus</i> sp.....	do.....	1			Mass.
<i>Pseudomonas marginata</i> (McCull.) Stapp:					
<i>Gladiolus</i> sp.....	Japan.....			1	Calif.*
<i>Pseudomonas savastanoi</i> (E. F. Sm.) F. L. Stevens:					
<i>Olea europaea</i> (olive).....	Italy.....	1			Mass.
<i>Pseudomonas syringae</i> v. Hall:					
<i>Citrus limon</i> (lemon).....	do.....	1			N. Y.
<i>Pseudomonas tonelliana</i> (Ferr.) Breed:					
<i>Nerium oleander</i> (oleander).....	Italy, Mexico (?).....			2	N. Y., Tex.
<i>Puccinia antirrhini</i> Diet. & Holw.:					
<i>Antirrhinum majus</i> (snapdragon).....	Germany.....	1			N. Y.
<i>Puccinia arenariae</i> (Schum.) Wint.:					
<i>Dianthus barbatus</i> (sweet-william).....	Netherlands.....	1		1	N. Y.
<i>Puccinia chrysanthemi</i> Roze:					
<i>Chrysanthemum</i> sp.....	Japan.....			1	Wash.
<i>Puccinia cyperi</i> Arth.:					
<i>Cyperus</i> sp. (?).....	Philippines.....	1			Md.
<i>Puccinia graminis</i> Pers. var. <i>tritici</i> Eriks. & E. Henn.:					
<i>Triticum aestivum</i> (wheat).....	Germany, Italy.....	1	1		Tex., Wash.
<i>Puccinia hieracii</i> (Schum.) Mart.:					
<i>Cichorium</i> sp.....	Canada.....			1	N. Y.
<i>Puccinia longicornis</i> Pat. & Hariot:					
<i>Sasa kurilensis</i> (bamboo).....	Japan.....			1	D. C.
<i>Puccinia oblecta</i> Pk.:					
<i>Scirpus</i> sp. (tule).....	Mexico.....	1			Tex.
<i>Puccinia ornithogalli-thyrsoidea</i> Diet.:					
<i>Ornithogalum thyrsoidea</i> (chinkerichee).....	Union of South Africa.....	1			Pa.
<i>Puccinia phragmites</i> (Schum.) Koern.:					
<i>Phragmites communis</i> (reed).....	Denmark, Netherlands.....	2			Calif.*, N. Y.
<i>Puccinia rubigo-vera</i> (DC). Wint. f. <i>secalis</i> (Eriks.) Carleton:					
<i>Secale cereale</i> (rye).....	Italy.....	1			Wash.
<i>Puccinia sorghi</i> Schw.:					
<i>Zea mays</i> (corn).....	Mexico.....	1			Calif.
<i>Puccinia urbaniana</i> P. Henn.:					
<i>Stachytarpheta jamaicensis</i>	Puerto Rico.....	1			N. Y.
<i>Stachytarpheta</i> sp.....	do.....	1			P. R.

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<i>Pyrenochaeta phlogis</i> Mass.:					
Phlox sp.-----	New Zealand-----			1	Hawaii.
<i>Pythium splendens</i> H. Braun:					
<i>Dendrobium pulchellum</i> (orchid)-----	Siam-----			1	Hawaii.
<i>Amularia tulasnei</i> Sacc.:					
<i>Fragaria</i> sp. (strawberry)-----	France, Netherlands-----	1	2		D. C., N. J., N. Y.
<i>Avenelia arizonica</i> Ell. & Ev.:					
<i>Prosopis</i> sp. (mesquite)-----	Mexico-----		1		Tex.
<i>Chizophyllum radiatum</i> Fr.:					
<i>Boswellia serrata</i> ("salai" wood)-----	India-----	1			N. Y.
<i>Malus sylvestris</i> (apple)-----	Mexico-----	1			Ariz.
<i>Clerotinia bulborum</i> (Wakk.) Rehm. (?)					
<i>Fritillaria imperialis</i> (crown-fritillary)	Netherlands-----			1	Oreg.
<i>Clerotinia kernerii</i> Wettst.:					
<i>Abies</i> sp. (fir)-----	Germany-----	1			Mass.
<i>Clerotinia minor</i> Jagger:					
<i>Cichorium endivia</i> (endive)-----	Belgium-----	8	1		N. Y.
<i>Clerotium cepivorum</i> Berk.:					
<i>Allium sativum</i> (garlic)-----	Italy-----	27			N. Y.
<i>Plonema atrum</i> Sacc.:					
<i>Dahlia</i> sp.-----	Mexico-----			1	Calif.*
<i>Botrytis alliorum</i> West.:					
<i>Allium porrum</i> (leek)-----	France-----		1		Pa.
<i>Botrytis azaleae</i> Vogl.:					
<i>Rhododendron indicum</i> (indica azalea)-----	Belgium-----			3	N. J.
<i>Rhododendron luteum</i> -----	Netherlands-----			1	N. J.
<i>Rhododendron obtusum kaempferi</i> -----	do-----			1	N. J.
<i>Rhododendron</i> sp.-----	do-----			11	D. C., N. J.
<i>Botrytis chrysanthemi</i> Allesch.:					
<i>Chrysanthemum morifolium</i> (mulberry chrysanthemum).	Japan-----	1			Wash.
<i>Chrysanthemum</i> sp.-----	England, Japan, Mexico, Netherlands.	2		3	N. J., N. Y., Tex., Wash.
<i>Botrytis citri</i> Pass.:					
<i>Citrus limon</i> (lemon)-----	Italy-----		1		Calif.*
<i>Citrus sinensis</i> (orange)-----	Australia, Spain (?)-----		2		Calif.*
<i>Citrus</i> sp. (orange)-----	Australia-----		1		Hawaii.
<i>Botrytis cyclaminis</i> Dur. & Mont.:					
<i>Cyclamen</i> sp.-----	England-----			1	N. J.
<i>Botrytis examinans</i> Berk. & Curt.:					
<i>Ilex pumila</i> -----	Switzerland-----			1	N. J.
<i>Botrytis helianthi</i> Ell. & Kell.:					
<i>Helianthus</i> sp. (sunflower)-----	Mexico-----	1			Tex.
<i>Botrytis leucanthemi</i> Sacc. & Speg.:					
<i>Chrysanthemum maximum</i> (Shasta daisy)-----	Mexico-----	1			Tex.
<i>Botrytis malvicola</i> Ell. & G. Martin:					
<i>Malvaceae</i> -----	Canada-----			1	N. Y.
<i>Botrytis posekensis</i> Sacc.:					
<i>Miltonia</i> sp. (orchid)-----	Colombia-----			1	Fla.
<i>Odontoglossum citrosimum</i> (orchid)-----	Mexico-----			1	Tex.
<i>Oncidium</i> (?) sp. (orchid)-----	Brazil-----			1	N. J.
<i>Phaceloma fauvelletii</i> Jenkins (?)					
<i>Citrus limon</i> (lemon)-----	Unknown-----		1		P. R.
<i>Phaceloma fauvelletii</i> Jenkins var. <i>scabiosa</i> (McAlp. & Tryon) Jenkins:					
<i>Citrus limon</i> (lemon)-----	Australia, New Zealand-----	1	4		Hawaii, N. Y., Pa.
<i>Phaceloma perseae</i> Jenkins:					
<i>Persea americana</i> (avocado)-----	Guatemala-----	1			P. R.
<i>Phaceloma puniceae</i> Bitanc. & Jenkins:					
<i>Punica granatum</i> (pomegranate)-----	Italy, Mexico-----	4			Ariz., N. Y., Tex.
<i>Phacelotheca holci</i> Jacks.:					
<i>Sorghum halepense</i> (Johnson grass)-----	Mexico-----	1			Tex.
<i>Phaeropsis cydoniae</i> Cke. & Ell.:					
<i>Cydonia oblonga</i> (quince)-----	do-----	1			Tex.

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<i>Stachylidium theobromae</i> Turc.: <i>Musa paradisiaca</i> (plantain).....	Colombia, Cuba, Dominican Republic, Honduras.	15	3	---	N. Y.
<i>Musa paradisiaca sapientum</i> (banana).....	Brazil, Canal Zone, Colombia, Costa Rica, Ecuador, Guatemala, Honduras, Mexico, Panama.	16	---	---	Calif.* Md. N. Y., Pa. S. C., Tex.
<i>Stemphylium botryosum</i> Walr.:					
<i>Allium cepa</i> (onion).....	Mexico.....	1	---	---	Tex.
<i>Citrus limon</i> (lemon).....	Lebanon.....	---	1	---	Va.
<i>Citrus paradisi</i> (grapefruit).....	Cyprus (?).....	---	1	---	N. Y.
<i>Daucus carota</i> (carrot).....	Belgium.....	---	1	---	Tex.
<i>Gladiolus</i> sp.....	Mexico.....	2	---	---	Tex.
<i>Lycopersicon esculentum</i> (tomato).....	Canary Islands, Ireland, Mexico.	2	1	---	N. Y., Tex.
<i>Solanum melongena</i> (eggplant).....	Egypt.....	---	1	---	Md.
<i>Stemphylium ilicis</i> Tengwall:					
<i>Muscari comosum</i>	Netherlands.....	---	---	1	Ohio.
<i>Ozalis</i> sp.....	do.....	---	---	1	N. J.
<i>Stilbum incarnatum</i> Wakk.:					
<i>Eleocharis dulcis</i> (waternut).....	China.....	12	---	---	Calif.*
<i>Pachyrhizus erosus</i> (yam bean).....	do.....	1	---	---	Wash.
<i>Trapa natans</i> (waterchestnut).....	do.....	1	---	---	Calif.*
<i>Thecopsora areolata</i> (Fr.) Magn.:					
<i>Prunus</i> sp.....	Finland.....	---	---	1	N. Y.
<i>Thielaviopsis basicola</i> (Berk. & Br.) Ferr.:					
<i>Begonia tuberhybrida</i>	Belgium.....	---	---	4	Pa.
<i>Begonia</i> sp.....	do.....	---	---	2	N. J.
<i>Sinningia speciosa</i> (gloxinia).....	do.....	---	---	5	N. J., Pa.
<i>Torula oleae</i> Cast.:					
<i>Olea europaea</i> (olive).....	Mexico.....	---	1	---	Calif.
<i>Trametes flavida</i> Lev.:					
<i>Vanda</i> sp. (orchid).....	Guam.....	---	---	1	Calif.*
<i>Tranzschelia pruni-spinosae</i> (Pers.) Diet.:					
<i>Prunus persica</i> (peach).....	Mexico.....	2	---	---	Tex.
<i>Trichoderma viride</i> Pers. ex Fr.:					
<i>Ananas comosus</i> (pineapple).....	do.....	1	---	---	Tex.
<i>Trullula olivascens</i> Sacc.:					
<i>Ribes uva-crispa</i> (European gooseberry).....	Germany.....	---	---	1	N. J.
<i>Tryblidiella prosopidis</i> (Pk.) Rehm:					
<i>Prosopis</i> sp. (mesquite).....	Mexico.....	1	---	---	Tex.
<i>Tubercularia vulgaris</i> Tode ex Fr.:					
<i>Acer</i> sp.....	Netherlands.....	---	---	1	N. J.
<i>Kerria japonica</i> (kerria).....	do.....	---	---	1	N. J.
<i>Tylenchus allii</i> Beijerinck:					
<i>Allium sativum</i> (garlic).....	Mexico, Spain.....	3	1	---	Tex.
<i>Tylenchus filiformis</i> Butschli:					
Soil with <i>Artemisia</i> , <i>Dianthus</i> , and <i>Sedum</i> plants.	Italy.....	---	---	1	Mass.
Soil with carnation plants.....	do.....	---	---	1	N. Y.
<i>Tylenchus putrefaciens</i> Kuhn:					
<i>Allium sativum</i> (garlic).....	Mexico.....	1	---	---	Tex.
<i>Uredo behnickiana</i> P. Henn.:					
<i>Epidendrum</i> sp. (orchid).....	do.....	---	---	1	Tex.
<i>Laelia anceps</i> (orchid).....	do.....	---	---	2	Tex.
<i>Uredo guacae</i> Mayor:					
<i>Sobralia</i> sp.....	Nicaragua.....	---	---	1	Calif.*
<i>Uredo nigropunctata</i> P. Henn.:					
<i>Epidendrum</i> sp. (orchid).....	Costa Rica.....	---	---	1	Fla.
<i>Uredo oncidii</i> P. Henn.:					
<i>Zygopetalum burtii</i> (orchid).....	do.....	---	---	1	Fla.
<i>Urocystis colchici</i> (Schlecht.) Rab.:					
<i>Colchicum</i> sp.....	Netherlands.....	---	---	1	N. J.
<i>Urocystis gladiolicola</i> Ainsworth:					
<i>Gladiolus cuspidatus</i>	do.....	---	---	1	N. J.
<i>Gladiolus grandis</i>	do.....	---	---	1	N. J.
<i>Gladiolus</i> sp.....	do.....	---	---	2	N. J., N. Y.

List of pests (diseases) collected and reported from July 1, 1949, to June 30, 1950, inclusive—Continued

[An asterisk indicates State inspection]

Disease and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
<i>Trocytis tritici</i> Koern.:					
<i>Triticum aestivum</i> (wheat).....	Australia.....	1			N. J.
<i>Uromyces alysiae</i> Arth.:					
<i>Alyxia olivaeformis</i> (maile alyxia).....	Hawaii.....	2			Calif.*
<i>Uromyces fabae</i> (Pers.) D By.:					
<i>Vicia faba</i> (broadbean).....	France, Italy.....		2		N. Y., Pa.
<i>Uromyces holwayi</i> Lagh.:					
<i>Lilium columbianum</i> (Columbia lily).....	British Columbia.....	1			Wash.
<i>Uromyces lespedezae-procumbentis</i> (Schw.) Curt.:					
<i>Lespedeza bicolor</i> (shrub bushclover).....	Japan.....			1	Wash.
<i>Uromyces scillarum</i> (Grev.) Wint.:					
<i>Muscari</i> sp.....	England.....			1	N. Y.
<i>Ustilago aristidae-cyananthae</i> Bref.:					
<i>Aristida cyanantha</i>	India.....			1	D. C.
<i>Ustilago avenae</i> (Pers.) Jens.:					
<i>Avena sativa</i> (oat).....	Yugoslavia.....			1	D. C.
<i>Ustilago bullata</i> Berk.:					
<i>Bromus</i> sp.....	Iraq.....			1	D. C.
<i>Ustilago esculenta</i> P. Henn.:					
<i>Zizania aquatica</i>	Japan.....	1			N. Y.
<i>Ustilago tritici</i> (Pers.) Rostr.:					
<i>Triticum aestivum</i> (wheat).....	France.....	1			N. Y.
<i>Uromyces inaequalis</i> (Cke.) Wint. var. <i>cinerascens</i> (Fekl.) Aderh.:					
<i>Sorbus</i> sp. (sorbe apple).....	Italy.....	1			N. Y.
<i>Uromyces herbarum</i> West.:					
<i>Dianthus</i> sp.....	England.....			1	Wash.
<i>Uromyces lateritium</i> (Fr.) Rabh.:					
<i>Galanthus</i> sp.....	Netherlands.....			1	N. J.
<i>Uromyces buzi</i> (Oda.) Berk.:					
<i>Buxus microphylla koreana</i>	do.....			1	N. J.
<i>Uromyces citri</i> (Hasse) Dowson:					
<i>Citrus aurantifolia</i> (sour lime).....	Ceylon, India, unknown.....	6	12		Mass., N. Y., Pa.
<i>Citrus grandis</i> (pummelo).....	Japan.....	1			Calif.*
<i>Citrus limon</i> (lemon).....	do.....	1	3		Calif.*
<i>Citrus paradisi</i> (grapefruit).....	do.....		1		Calif.*
<i>Citrus reticulata</i> (Mandarin orange).....	China, Japan.....	3			Calif.*
<i>Citrus sinensis</i> (orange).....	do.....	11	1		Calif.*
<i>Citrus</i> sp. (orange).....	India.....		1		Md.
<i>Uromyces hyacinthi</i> (Wakk.) Dowson:					
<i>Hyacinthus</i> sp.....	Netherlands.....			1	Mich.
<i>Uromyces vesicatoria</i> (Doidge) Dowson:					
<i>Lycopersicon esculentum</i> (tomato).....	Mexico.....	1			Tex.
<i>Uromyces oscheoides</i> Mont.:					
<i>Musa paradisiaca sapientum</i> (banana).....	Colombia.....	2			S. C.

Hosts and diseases

ABIES:

Sclerotinia kernerii (Ascomycetes)

ACACIA:

Maraschia hyalospora (Deuteromycetes)

ACER:

Tubercularia vulgaris (Deuteromycetes)

ACHRAS:

Diplodia theobromae (Deuteromycetes)

Pestalotia scirtofaciens (Deuteromycetes)

AGAVE:

Colletotrichum agaves (Deuteromycetes)

ALLIUM ASCALONICUM:

Papulaspora dodgeii (Deuteromycetes)

ALLIUM CEPA:

Alternaria porri (Deuteromycetes)

Curularia lunata (Deuteromycetes)

Diplodia theobromae (Deuteromycetes)

Fusarium oxysporum f. *cepae* (Deuteromycetes)

Papulaspora parasitica (Deuteromycetes)

Stemphylium botryosum (Deuteromycetes)

ALLIUM PORRUM:

Septoria alliorum (Deuteromycetes)

ALLIUM SATIVUM:

Macrophomina phaseolina (Deuteromycetes)

Memnoniella echinata (Deuteromycetes)

Sclerotium cepivorum (Deuteromycetes)

Tylenchus allii (Nematoda)

Tylenchus putrefaciens (Nematoda)

ALYXIA:

Uromyces alyriae (Promycetes)

ANANAS:

Curularia lunata (Deuteromycetes)

Diplodia theobromae (Deuteromycetes)

Trichoderma viride (Deuteromycetes)

ANDROMEDA:

Diplodina rostrupii (Deuteromycetes)

ANTIRRHINUM:

Puccinia antirrhini (Promycetes)

ARACHIS:

Macrophomina phaseolina (Deuteromycetes)

ARECA:

Diplodia theobromae (Deuteromycetes)

Gloeosporium catechu (Deuteromycetes)

ARISTIDA:

Ustilago aristidae-cyananthae (Promycetes)

ARMERIA:

Cercospora insulana (Deuteromycetes)

ASPIDISTRA:

Colletotrichum omnivorum (Deuteromycetes)

AVENA:

Ustilago avenae (Promycetes)

BAMBOO:

Coniosporium shiraianum (Deuteromycetes)

BEGONIA:

Meloidogyne arenaria (Nematoda)

Thielaviopsis basicola (Deuteromycetes)

BETULA:

Melampsorium betulinum (Promycetes)

BOSWELLIA:

Schizophyllum radiatum (Basidiomycetes)

BRASSICA OLERACEA CAPITATA:

Mycosphaerella brassicola (Ascomycetes)

BROMUS:

Ustilago bullata (Promycete)

BUXUS:

Volutella buxi (Deuteromycetes)

CAJANUS:

Colletotrichum cajani (Deuteromycetes)

CAMELLIA:

Camellia yellow-spot virus

Pestalotia guepini (Deuteromycetes)

CAPPARIS:

Cercospora capparis (Deuteromycetes)

CAPSICUM:

Gloeosporium piperatum (Deuteromycetes)

CARICA:

Hormodendrum cladosporioides (Deuteromycetes)

CASTANEA:

Diplodia castaneae (Deuteromycetes)

CATTELEYA:

Memnoniella echinata (Deuteromycetes)

Phyllosticta laeliae (Deuteromycetes)

CHAENOMELES:

Gymnosporangium haraeanaum (Promycetes)

CHRYSANthemUM:

Heterosporium variabile (Deuteromycetes)

CHRYSANthemUM—Continued

Puccinia chrysanthemi (Promycetes)

Septoria chrysanthemi (Deuteromycetes)

Septoria leucanthemi (Deuteromycetes)

CICHORIUM:

Puccinia hieracii (Promycetes)

Sclerotinia minor (Ascomycetes)

CITRULLUS:

Fusarium oxysporum f. *niveum* (Deuteromycetes)

CITRUS AURANTIFOLIA:

Elsinoe australis (Ascomycetes)

Phoma citricarpa (Deuteromycetes)

Xanthomonas citri (Schizomycetes)

CITRUS GRANDIS:

Memnoniella echinata (Deuteromycetes)

Xanthomonas citri (Schizomycetes)

CITRUS LIMON:

Alternaria citri (Deuteromycetes)

Ascochyta citri (?) (Deuteromycetes)

Cancerosis "B"

Diplodia theobromae (Deuteromycetes)

Elsinoe australis (Ascomycetes)

Erwinia citri-maculans (Schizomycetes)

Phoma citricarpa (Deuteromycetes)

Pseudomonas syringae (Schizomycetes)

Septoria citri (Deuteromycetes)

Sphaeloma fawcettii (?) (Deuteromycetes)

Sphaeloma fawcettii var. *scabiosa* (Deuteromycetes)

Stemphylium botryosum (Deuteromycetes)

Xanthomonas citri (Schizomycetes)

CITRUS PARADISI:

Elsinoe australis (Ascomycetes)

Stemphylium botryosum (Deuteromycetes)

Xanthomonas citri (Schizomycetes)

CITRUS RETICULATA:

Elsinoe australis (Ascomycetes)

Phoma citricarpa (Deuteromycetes)

Xanthomonas citri (Schizomycetes)

CITRUS RETICULATA VAR.:

Phoma citricarpa (Deuteromycetes)

CITRUS SINENSIS:

Alternaria citri (Deuteromycetes)

Ascochyta citri (?) (Deuteromycetes)

Elsinoe australis (Ascomycetes)

Phoma citricarpa (Deuteromycetes)

Septoria citri (Deuteromycetes)

Xanthomonas citri (Schizomycetes)

CITRUS SP. (orange):

Elsinoe australis (Ascomycetes)

Phoma citricarpa (Deuteromycetes)

Septoria citri (Deuteromycetes)

Xanthomonas citri (Schizomycetes)

CITRUS SP.:

Meliola citricola (Ascomycetes)

Phoma citricarpa (Deuteromycetes)

COCOS:

Cryptospora longispora (?) (Ascomycetes)

Diplodia epicocos (Deuteromycetes)

Pestalotia palmarum (Deuteromycetes)

CODIAEUM:

Cercospora codiae (Deuteromycetes)

Laestadia minuiscula (Ascomycetes)

COFFEA:

Cercospora coffeicola (Deuteromycetes)

COLCHICUM:

Plectus parietinus (Nematoda)

Urocystis colchici (Promycetes)

COLOCASIA:

Chlamydomyces palmarum (Deuteromycetes)

CORNUS:

Phomopsis corni (Deuteromycetes)

CROCUS:

Fusarium oxysporum (Deuteromycetes)

CRYPTOMERIA:

Pestalotia funerea (Deuteromycetes)

CUCURBITA:

Marmor cucumeris (Virus)

Mycosphaerella citrullina (Ascomycetes)

CYCLAMEN:

Septoria cyclaminis (Deuteromycetes)

CYDONIA:

Fabraea maculata (Ascomycetes)

Hormodendrum cladosporioides (Deuteromycetes)

Monilinia fructigena (Deuteromycetes)

Sphaeropsis cydoniae (Deuteromycetes)

Hosts and diseases—Continued

CYMBIDIUM:

Colletotrichum cinctum (Deuteromycetes)

CYMBOPOGON:

Nigrospora sphaerica (Deuteromycetes)

CYPERUS:

Puccinia cyperi (Promycetes)

CYTISUS:

Pleospora herbarum (Ascomycetes)

DACTYLOCTENIUM:

Helminthosporium nodulosum (Deuteromycetes)

DAHLIA:

Septonema atrum (Deuteromycetes)

DAUCUS:

Stemphylium botryosum (Deuteromycetes)

DENDROBIUM:

Diplodia theobromae (Deuteromycetes)*Phyalospora campispora* (Ascomycetes)*Pythium splendens* (Phycormycetes)

DIANTHUS:

Alternaria dianthi (Deuteromycetes)*Mycosphaerella caryophylli* (Ascomycetes)*Puccinia arenariae* (Promycetes)*Vermicularia herbarum* (Deuteromycetes)

ECHINOCACTUS:

Mycosphaerella opuntiae (Ascomycetes)

ELEOCHARIS:

Gliomastix convoluta (Deuteromycetes)*Macrophomina phaseolina* (Deuteromycetes)*Stilbum incarnatum* (Deuteromycetes)

EPIDENDRUM:

Gloeosporium epidendri (Deuteromycetes)*Pestalotia conspicua* (Deuteromycetes)*Uredo behnickiana* (Promycetes)*Uredo nigropunctata* (Promycetes)

ERIOBOTRYA:

Fusicladium eriobotryae (Deuteromycetes)

FAGUS:

Fusicoccum galeuculatum (Deuteromycetes)

FICUS:

Cercospora bolleana (Deuteromycetes)

FOENICULUM:

Fusicladium depressum (Deuteromycetes)

FRAGARIA:

Diplocarpon earliana (Ascomycetes)*Marmor fragariae* (Virus)*Mycosphaerella fragariae* (Ascomycetes)*Ramularia tulasnei* (Deuteromycetes)

FRAXINUS:

Cercospora fraxinites (Deuteromycetes)

FRITILLARIA:

Sclerotinia bulborum (Ascomycetes)

GALANTHUS:

Botrytis galanthina (Deuteromycetes)*Verticillium lateritium* (Deuteromycetes)

GALTONIA:

Ditylenchus dipsaci (Nematoda)

GARDENIA:

Omphalia flavida (Deuteromycetes)

GAULTHERIA:

Discosia artocreas (Deuteromycetes)*Pestalotia gibbosa* (Deuteromycetes)

GLADIOLUS:

Botrytis gladiolorum (Deuteromycetes)*Curvularia lunata* (Deuteromycetes)*Fusarium oxysporum* f. *gladioli* (Deuteromycetes)*Pseudomonas marginata* (Schizomycetes)*Stemphylium botryosum* (Deuteromycetes)*Urocystis gladiolicola* (Promycetes)

GOSSYPIUM:

Cercospora gossypina (Deuteromycetes)

HELIANTHUS:

Septoria helianthi (Deuteromycetes)

HELLEBORUS:

Coniothyrium hellebori (Deuteromycetes)

HYACINTHUS:

Xanthomonas hyacinthi (Schizomycetes)

ILEX:

Septoria examians (Deuteromycetes)

IRIS:

Aphelenchoides subtennis (Nematoda)*Colletotrichum lilacearum* (Deuteromycetes)*Mystrosporium adustum* (Deuteromycetes)

KERRIA:

Tubercularia vulgaris (Deuteromycetes)

LAELIA:

Camillea sagraena (Ascomycetes)

LAELIA—Continued

Glomerella cincta (Ascomycetes)*Pestalotia conspicua* (Deuteromycetes)*Phyllosticta laeliae* (Deuteromycetes)*Uredo beannickiana* (Promycetes)

LESPEDEZA:

Uromyces lespedezae-procumbentis (Promycetes)

LILIUM:

Botrytis elliptica (Deuteromycetes)*Colletotrichum lilii* (Deuteromycetes)*Uromyces holwayi* (Promycetes)

LYCOPERSICON:

Fusarium oxysporum lycopersici (Deuteromycetes)*Stemphylium botryosum* (Deuteromycetes)*Xanthomonas vesicatoria* (Schizomycetes)

MALUS:

Diaporthe eres (Ascomycetes)*Gloeodes pomigena* (Deuteromycetes)*Leptothyrium pomi* (Deuteromycetes)*Mycosphaerella pomi* (Ascomycetes)*Phyalospora obtusa* (Ascomycetes)*Schizophyllum radiatum* (Basidiomycetes)

MALVACEAE:

Septoria malvicola (Deuteromycetes)

MANGIFERA:

Phyllosticta mortoni (Deuteromycetes)

MANIHOT:

Diplodia theobromae (Deuteromycetes)

MEDICAGO:

Arthrobotrys superba (Deuteromycetes)

MILTONIA:

Septoria posekensis (Deuteromycetes)

MURRAYA:

Meliola tenella (Ascomycetes)

MUSA PARADISIACA:

Helminthosporium torulosum (Deuteromycetes)*Stachylidium theobromae* (Deuteromycetes)

MUSA PARADISIACA SAPIENTUM:

Cercospora musae (Deuteromycetes)*Helminthosporium torulosum* (Deuteromycetes)*Macrophoma musae* (Deuteromycetes)*Memoniella echinata* (Deuteromycetes)*Stachylidium theobromae* (Deuteromycetes)*Zygosporium oscheoides* (Deuteromycetes)

MUSCARI:

Stemphylium ilicis (Deuteromycetes)*Uromyces scillarum* (Promycetes)

NARCISSUS:

Aphelenchoides subtennis (Nematoda)*Fusarium oxysporum* f. *narcissi* (Deuteromycetes)*Ophiostoma narcissi* (Ascomycetes)

NERIUM:

Cercospora neriella (Deuteromycetes)*Pseudomonas tonelliana* (Schizomycetes)

NYMPHAEAE:

Diplodia theobromae (Deuteromycetes)

ODONTOGLOSSUM:

Pestalotia conspicua (Deuteromycetes)*Septoria posekensis* (Deuteromycetes)

OLEA:

Cycloconium oleaginum (Deuteromycetes)*Macrophoma oleae* (Deuteromycetes)*Pseudomonas savastanoi* (Schizomycetes)*Torula oleae* (Deuteromycetes)

ONCIDIUM:

Septoria posekensis (Deuteromycetes)

OPUNTIA:

Hendersonia opuntiae (Deuteromycetes)

ORCHID:

Colletotrichum cinctum (Deuteromycetes)*Diplodia theobromae* (Deuteromycetes)

ORNITHOGALUM:

Heterosporium ornithogali (Deuteromycetes)*Puccinia ornithogali-thyrsoideis* (Promycetes)

ORYZA:

Cercospora oryzae (Deuteromycetes)*Chaetomium elatum* (Ascomycetes)*Diplodiella oryzae* (Deuteromycetes)*Entyloma oryzae* (Promycetes)*Helminthosporium oryzae* (Deuteromycetes)*Leptosphaeria salvinii* (Ascomycetes)*Nigrospora sphaerica* (Deuteromycetes)*Phyllosticta glumarum* (Deuteromycetes)

OXALIS:

Stemphylium ilicis (Deuteromycetes)

Hosts and diseases—Continued

PACHYRHIZUS:

Stilbum incarnatum (Deuteromycetes)

PAEONIA:

Monochaetia paeoniae (Deuteromycetes)

PERSEA:

Sphaceloma perseae (Deuteromycetes)

PHASEOLUS LUNATUS MACROCARPUS:

Elsinoe phaseoli (Ascomycetes)

Isariopsis griseola (Deuteromycetes)

PHLOX:

Pyrenochaeta phlogis (Deuteromycetes)

PHRAGMITES:

Puccinia phragmites (Promycetes)

PHYSALIS:

Cercospora physalicola (Deuteromycetes)

PICEA:

Phragmotrichum chailletii (Promycetes)

PINUS:

Cercospora pini-densiflorae (Deuteromycetes)

Lophodermium pinastri (Ascomycetes)

Pestalotia peregrina (Deuteromycetes)

PISUM:

Ascochyta pisi (Deuteromycetes)

Colletotrichum pisi (Deuteromycetes)

PROSOPIA:

Gloeosporium leguminum (Deuteromycetes)

Ravenelia arizonica (Promycetes)

Tryblidiella prosopidis (Ascomycetes)

PRUNUS ARMENIACA:

Coryneum beijerinckii (Deuteromycetes)

PRUNUS CERASUS:

Monilinia laza (Ascomycetes)

PRUNUS PERSICA:

Coryneum beijerinckii (Deuteromycetes)

Monilinia fruticola (Ascomycetes)

Monilinia fructigena (Ascomycetes)

Monilinia laza (Ascomycetes)

Transschelia pruni-spinosae (Promycetes)

PRUNUS SP.:

Thecospora areolata (Promycetes)

PSIDIUM:

Pestalotia psidii (Deuteromycetes)

PUERARIA:

Gliomastix convoluta (Deuteromycetes)

Melanospora zamiae (Ascomycetes)

PUNICA:

Cercospora lythracearum (Deuteromycetes)

Cytospora punica (Deuteromycetes)

Sphaceloma punicea (Deuteromycetes)

PYRACANTHA:

Fusicladium pyracanthae (Deuteromycetes)

RAPHANUS:

Aphanomyces raphani (Phycomycetes)

RHODODENDRON:

Cercospora handelii (Deuteromycetes)

Chrysomyxa rhododendri (Promycetes)

Erobisidium vaccinii (Basidiomycetes)

Mycosphaerella rhododendri (Ascomycetes)

Pestalotia macrotricha (Deuteromycetes)

Pestalotia rhododendri (Deuteromycetes)

Septoria azaleae (Deuteromycetes)

RIBES:

Cronartium ribicola (Promycetes)

Trullula olivascens (Deuteromycetes)

RICINUS:

Cercospora ricinella (Deuteromycetes)

ROSA:

Coryneum microstictum (Deuteromycetes)

Phragmidium disciflorum (Promycetes)

RUSCUS:

Leptosphaeria rusci (Ascomycetes)

Phyllosticta ruscicola (Deuteromycetes)

SACCHARUM:

Colletotrichum falcatum (Deuteromycetes)

Gnomonia illiaui (Deuteromycetes)

Leptosphaeria sacchari (Ascomycetes)

SALIX:

Botryosphaeria ribis (Ascomycetes)

Physalospora obtusa (Ascomycetes)

SANSEVIERIA:

Gloeosporium sansevieriae (Deuteromycetes)

SASA:

Puccinia longicornis (Promycetes)

SCILLA:

Gliomastix convoluta (Deuteromycetes)

Papulaspora parasitica (Deuteromycetes)

SCIRPUS:

Puccinia oblecta (Promycetes)

SECALE:

Puccinia rubigo-vera f. secalis (Promycetes)

SECIUM:

Mycosphaerella citrullina (Ascomycetes)

SINNINGIA:

Thielaviopsis basicola (Deuteromycetes)

SOBRALIA:

Uredo guacae (Promycetes)

SOIL:

Aphelenchoides ribes (Nematoda)

Aphelenchus agricola (Nematoda)

Aphelenchus avenae (Nematoda)

Ditylenchus intermedius (Nematoda)

Heterodera avenae (Nematoda)

Heterodera goettingiana (Nematoda)

Heterodera punctata (Nematoda)

Heterodera rostochiensis (Nematoda)

Heterodera schachtii (Nematoda)

Plectus parietinus (Nematoda)

Tylenchus filiformis (Nematoda)

SOLANUM MELONGENA:

Stemphylium botryosum (Deuteromycetes)

SOLANUM TUBEROSUM:

Fusarium oxysporum f. tuberosi (Deuteromycetes)

Gliomastix convoluta (Deuteromycetes)

SORBUS:

Venturia inaequalis var. *cinerascens* (Ascomycetes)

SORGHUM:

Cercospora sorghi (Deuteromycetes)

Colletotrichum falcatum (Deuteromycetes)

Colletotrichum graminicolum (Deuteromycetes)

Helminthosporium turcicum (Deuteromycetes)

Phyllosticta sorghina (Deuteromycetes)

Sphacelotheca holci (Promycetes)

SPINACIA:

Peronospora effusa (Phycomycetes)

STACHYTARPHETA:

Puccinia urbaniana (Promycetes)

TAXUS:

Pestalotia funerea (Deuteromycetes)

THELOCTATUS:

Mycosphaerella opuntiae (Ascomycetes)

THEOBROMA:

Diplodia theobromae (Deuteromycetes)

TRAPA:

Memnoniella echinata (Deuteromycetes)

Papulaspora parasitica (Deuteromycetes)

Stilbum incarnatum (Deuteromycetes)

TRITICUM:

Leptosphaeria tritici (Ascomycetes)

Puccinia graminis var. *tritici* (Promycetes)

Urocystis tritici (Promycetes)

Ustilago tritici (Promycetes)

TULIPA:

Papulaspora parasitica (Deuteromycetes)

TYPEA:

Leptosphaeria typharum (Ascomycetes)

VANDA:

Phyllosticta nigro-maculans (Deuteromycetes)

Trametes flavidia (Basidiomycetes)

VANILLA:

Myrothecium verrucaria (Deuteromycetes)

VICIA:

Ascochyta pisi (Deuteromycetes)

Uromyces fabae (Promycetes)

VIOLA:

Cercospora violae (Deuteromycetes)

VITIS:

Coryneum microstictum (Deuteromycetes)

Hendersonia sarmentorum (Deuteromycetes)

Phoma viticola (Deuteromycetes)

Physalospora obtusa (Ascomycetes)

ZEA:

Puccinia sorghi (Promycetes)

ZINGIBER:

Gliomastix convoluta (Deuteromycetes)

Melanospora zamiae (Ascomycetes)

Memnoniella echinata (Deuteromycetes)

ZIZANIA:

Ustilago esculenta (Promycetes)

ZYGOPETALUM:

Uredo oncidii (Promycetes)

Hosts unknown

FERN:
Mycosphaerella filicum (Ascomycetes)
 GRASS:
Colletotrichum graminicolum (Deuteromycetes)

PLANT:
Eucephalobus oryuiroides (Nematoda)
 SCREENINGS FROM STRAW PACKING:
Heterodera rostochiensis (Nematoda)

Countries of origin and diseases

ALGERIA:

Leptothyrium pomi

AMERICAN SAMOA:

Phoma citricarpa

ARGENTINA:

Botryosphaeria ribis

Cancerosis "B"

Elsinoe australis

Heterodera rostochiensis

Phoma citricarpa

AUSTRALIA:

Alternaria citri

Diplodia theobromae

Gliomastix convoluta

Monilinia laza

Phoma citricarpa

Physalospora campodora

Septoria citri

Sphaeloma fauettii var. *scabiosa*

Urocystis trilici

AUSTRIA:

Chrysomyxa rhododendri

Coryneum beijerinckii

Leptothyrium pomi

AZORES:

Ascochyta pisi

BELGIUM:

Cercospora handelii

Colletotrichum omnivorum

Exobasidium vaccinii

Meloidogyne arenaria

Mycosphaerella rhododendri

Sclerotinia minor

Septoria azaleae

Stemphylium botryosum

Thielaviopsis basicola

BERMUDA:

Cercospora neriella

BRAZIL:

Cercospora coffeicola

Cercospora musae

Elsinoe australis

Phoma citricarpa

Phyllosticta laeliae

Septoria posekensis

Stachylidium theobromae

BRITISH COLUMBIA:

Uromyces holwayi

BRITISH WEST INDIES:

Cercospora coffeicola

CANADA:

Arthrobotrys superba

Discosia artocreas

Pestalotia gibbosa

Puccinia hieracii

Septoria matricola

CANAL ZONE:

Cercospora musae

Gloeosporium sansevieriae

Stachylidium theobromae

CANARY ISLANDS:

Stemphylium botryosum

CEYLON:

Xanthomonas citri

CHINA:

Botrytis elliptica

Cercospora pini-densiflorae

Chlamydomyces palmarum

Colletotrichum graminicolum

Colletotrichum lilii

Diplodiella oryzae

Gliomastix convoluta

Macrophomina phaseolina

Marasmiella hyalospora

Melanospora zambiae

Meliola citricola

Memnoniella echinata

CHINA—Continued

Nigrospora sphaerica

Papulaspora parasitica

Pestalotia peregrina

Phoma citricarpa

Stilbum incarnatum

Xanthomonas citri

COLOMBIA:

Cercospora musae

Septoria posekensis

Stachylidium theobromae

Zygosporium oscheoides

COSTA RICA:

Cercospora musae

Gloeosporium epidendri

Macrophoma musae

Stachylidium theobromae

Uredo nigropuncta

Uredo ocellidii

CUBA:

Cercospora musae

Diplodia theobromae

Elsinoe phasoli

Helminthosporium oryzae

Helminthosporium torulosum

Stachylidium theobromae

CYPRUS:

Stemphylium botryosum

CZECHOSLOVAKIA:

Fusicladium depressum

DENMARK:

Cronartium ribicola

Fusarium oxysporum f. *tuberosi*

Heterodera rostochiensis

Puccinia phragmites

DOMINICAN REPUBLIC:

Cercospora musae

Diplodia theobromae

Stachylidium theobromae

ECUADOR:

Cercospora musae

Stachylidium theobromae

EGYPT:

Stemphylium botryosum

ENGLAND:

Aphelenchoides ribes (?)

Colletotrichum cinctum

Colletotrichum liliacearum

Coniothyrium hellebori

Fusarium oxysporum f. *gladioli*

Fusarium oxysporum f. *narcissi*

Heterodera punctata

Heterodera rostochiensis

Heterodera schachtii

Marmor fragariae

Melanconium betulinum

Papulaspora parasitica

Pestalotia guepini

Plectus parietinus

Pleospora herbarum

Septoria chrysanthemi

Septoria cyclaminis

Uromyces scillarum

Vermicularia herbarum

FIJI ISLANDS:

Ascochyta citri

FINLAND:

Melampsoridium betulinum

Thecospora aerolata

FRANCE:

Alternaria dianthi

Heterodera punctata

Heterodera rostochiensis

Heterodera schachtii

Monilinia fructigena

Papulaspora dodgetti

Ramularia tulasnei

Countries of origin and diseases—Continued

FRANCE—Continued

Septoria alliorum
Uromyces fabae
Ustilago tritici

FRENCH GUINEA:

Curvularia lunata

GERMANY:

Aphelenchus avenae
Chrysomyxa rhododendri
Ditylenchus intermedius
Gloeodes pomigena
Heterodera punctata
Heterodera rostochiensis
Heterodera schachtii
Phragmidium disciflorum
Phragmotrichum chailletii
Puccinia antirrhini
Puccinia graminis var. *tritici*
Sclerotinia kernerii
Trullula olivascens

GOLD COAST:

Gloeosporium piperatum
Macrophomina phaseolina

GREECE:

Helminthosporium oryzae

GRENADA:

Cercospora musae

GUAM:

Gloeosporium catechu
Trametes flavida

GUATEMALA:

Cercospora musae
Monilinia laxa
Mycosphaerella citrullina
Mycosphaerella caryophylli
Omphalia flavida
Sphaceloma perseae
Stachytidium theobromae

HAITI:

Cercospora musae
Colletotrichum falcatum

HAWAII:

Uromyces alyziae

HONDURAS:

Cercospora musae
Stachytidium theobromae

INDIA:

Cercospora musae
Phyllosticta sorghina
Schizophyllum radiatum
Ustilago aristidae-cyananthae
Xanthomonas citri

IRAQ:

Ustilago bullata

IRELAND:

Heterodera punctata
Heterodera rostochiensis
Mycosphaerella brassicola
Ophiostoma narcissi
Stemphylium botryosum

ITALY:

Alternaria citri
Aphelenchoides subtenuis
Aphelenchus agricola
Aphelenchus avenae
Ascochyta citri (?)
Ascochyta pisi
Camellia yellow-spot virus
Cercospora violae
Coryneum beijerinckii
Cycloconium oleaginum
Diplodia castaneae
Diplodia theobromae
Erwinia citrimaculans
Eucephalobus oxyuroides
Fusicladium eriobotryae
Hendersonia samentorum
Heterodera avenae
Heterodera goettingiana
Heterodera schachtii
Leptosphaeria rusci
Macrophoma oleae
Macrophomina phaseolina
Monilinia fructigena
Mycosphaerella fragariae

ITALY—Continued

Phoma viticola
Phragmidium disciflorum
Phyllosticta ruscicola
Physalospora obtusa
Pseudomonas savastanoi
Pseudomonas syringae
Pseudomonas tonelliana
Puccinia graminis var. *tritici*
Puccinia rubigo-vera f. *secalis*
Sclerotium cepivorum
Septoria citri
Sphaceloma puniceae
Tylenchus filiformis
Uromyces fabae
Venturia inaequalis var. *cinerascens*

JAPAN:

Alternaria dianthi
Botrytis elliptica
Colletotrichum lilii
Coniosporium shiraianum
Gloeodes pomigena
Gymnosporangium haraeae
Leptosphaeria salvinii
Leptosphaeria tritici
Monochaetia paeoniae
Mycosphaerella filicum
Nigrospora sphaerica
Pestalotia funerea
Phoma citricarpa
Phyllosticta glumarum
Pseudomonas marginata
Puccinia chrysanthemi
Puccinia longicornis
Septoria chrysanthemi
Uromyces lespedezae-procumbentis
Ustilago esculenta
Xanthomonas citri

LEBANON:

Alternaria citri
Stemphylium botryosum

MARTINIQUE:

Cercospora musae

MEXICO:

Alternaria porri
Aphanomyces raphani
Ascochyta pisi
Botrytis gladiolorum
Cercospora bolleana
Cercospora codiae
Cercospora fraxinites
Cercospora gossypina
Cercospora insulana
Cercospora lythracearum
Cercospora musae
Cercospora physalica
Cercospora ruscicola
Cercospora sorghi
Chaetomium elatum
Colletotrichum agaves
Colletotrichum cinctum
Colletotrichum falcatum
Colletotrichum graminicolum
Colletotrichum lilii
Colletotrichum pisi
Coryneum beijerinckii
Cryptospora longispora
Curvularia lunata
Cytospora punica
Diplodia epicoccos
Diplodia theobromae
Entyloma oryzae
Fabraea maculata
Fusarium oxysporum f. *cepae*
Fusarium oxysporum f. *lycopersici*
Fusarium oxysporum f. *niveum*
Fusarium oxysporum f. *tuberosi*
Gloeodes pomigena
Gloeosporium leguminum
Glomerella cincta
Gnomonia iliaui
Helminthosporium oryzae
Helminthosporium turcicum
Hendersonia opuntiae

Countries of origin and diseases—Continued

MEXICO—Continued

Hormodendrum cladoporioides
Leptosphaeria sacchari
Leptosphaeria typharum
Leptothyrium pomi
Lophodermium pinastri
Marmor cucumeris
Memmoniella echinata
Monilinia fructicola
Mycosphaerella citrullina
Mycosphaerella opuntiae
Mycosphaerella pomi
Omphalia flavida
Peronospora effusa
Pestalotia conspicua
Pestalotia psidii
Pestalotia scirrociliens
Phyllosticta laeliae
Phyllosticta mortoni
Pseudomonas tonelliana
Puccinia oblecta
Puccinia sorghi
Ravenelia arizonica
Schizophyllum radiatum
Septonema atrum
Septoria chrysanthemi
Septoria helianthi
Septoria leucanthemi
Septoria posekensis
Sphaceloma puniceae
Sphacelotheca holci
Sphaeropsis cydoniae
Stachylium theobromae
Stemphylium botryosum
Torula oleae
Tranzschelia pruni-spinosae
Trichoderma viride
Trybliidiella prosopidis
Tylenchus allii
Tylenchus putrefaciens
Uredo behnickiana
Xanthomonas vesicatoria

NETHERLANDS:

Aphelenchoides subtenuis
Botrytis galanthina
Cercospora handellii
Colletotrichum lilii
Coniothyrium hellebori
Coryneum microstictum
Diplodina rostrupii
Ditylenchus dipsaci
Fusarium oxysporum
Fusarium oxysporum f. gladioli
Fusarium oxysporum f. narcissi
Fusicladium pyracanthae
Fusicoccum glauculatum
Gliomastix convoluta
Heterodera punctata
Heterodera rostochiensis
Heterodera schachtii
Mycosphaerella rhododendri
Mystrosporium adustum
Ophiostoma narcissi
Papulaspora parasitica
Pestalotia macrotricha
Pestalotia rhododendri
Phomopsis corni
Plectus parietinus
Puccinia arenariae
Puccinia phragmitis
Ramularia tulasnei
Sclerotinia bulborum (?)
Septoria azalea
Septoria chrysanthemi
Stemphylium ilicis
Tubercularia vulgaris
Urocystis colchici
Urocystis gladiolicola
Verticillium lateritium
Volutella buxi
Xanthomonas hyacinthi

NEW ZEALAND:

Pyrenochaeta phlogis
Sphaceloma fawcettii var. *scabiosa*

NICARAGUA:

Uredo guacae

NORTHERN IRELAND:

Heterodera punctata
Heterodera rostochiensis

NORWAY:

Diplocarpon earliana
Heterodera punctata

PAKISTAN:

Helminthosporium torulosum

PALAU ISLANDS:

Myrothecium verrucaria

PANAMA:

Camillea sagraena
Cercospora musae
Macrophoma musae
Stachylium theobromae

PERU:

Alternaria dianthi
Ascochyta pisi

PHILIPPINES:

Diplodia theobromae
Helminthosporium nodulosum
Laestadia minusculea
Macrophoma musae
Memmoniella echinata
Phoma citricarpa
Phyllosticta nigro-maculans
Puccinia cyperi

POLAND:

Aphelenchus avenae
Heterodera rostochiensis

PORTUGAL:

Physalospora obtusa

PUERTO RICO:

Cercospora lythracearum
Colletotrichum cajani
Diplodia theobromae
Elsinoe phaseoli
Isariopsis griseola
Puccinia urbaniana

SAUDI ARABIA:

Macrophoma oleae

SCOTLAND:

Coryneum microstictum
Heterodera rostochiensis
Heterosporium variabile

SIAM:

Meliola tenella
Pythium splendens

SPAIN:

Leptothyrium pomi
Septoria citri
Tylenchus allii

STRAITS SETTLEMENTS:

Nigrospora sphaerica
Phoma citricarpa

SWEDEN:

Diaporthe eres
Heterodera rostochiensis
Lophodermium pinastri

SWITZERLAND:

Chrysomyza rhododendri
Septoria ezaminans

TAHITI:

Memmoniella echinata

TASMANIA:

Phoma citricarpa

TURKEY:

Aphelenchus avenae
Botrytis galanthina

UNION OF SOUTH AFRICA:

Heterosporium ornithogali
Phoma citricarpa
Puccinia ornithogali-thyrsoideis

UNKNOWN:

Sphaceloma fawcettii
Xanthomonas citri

VENEZUELA:

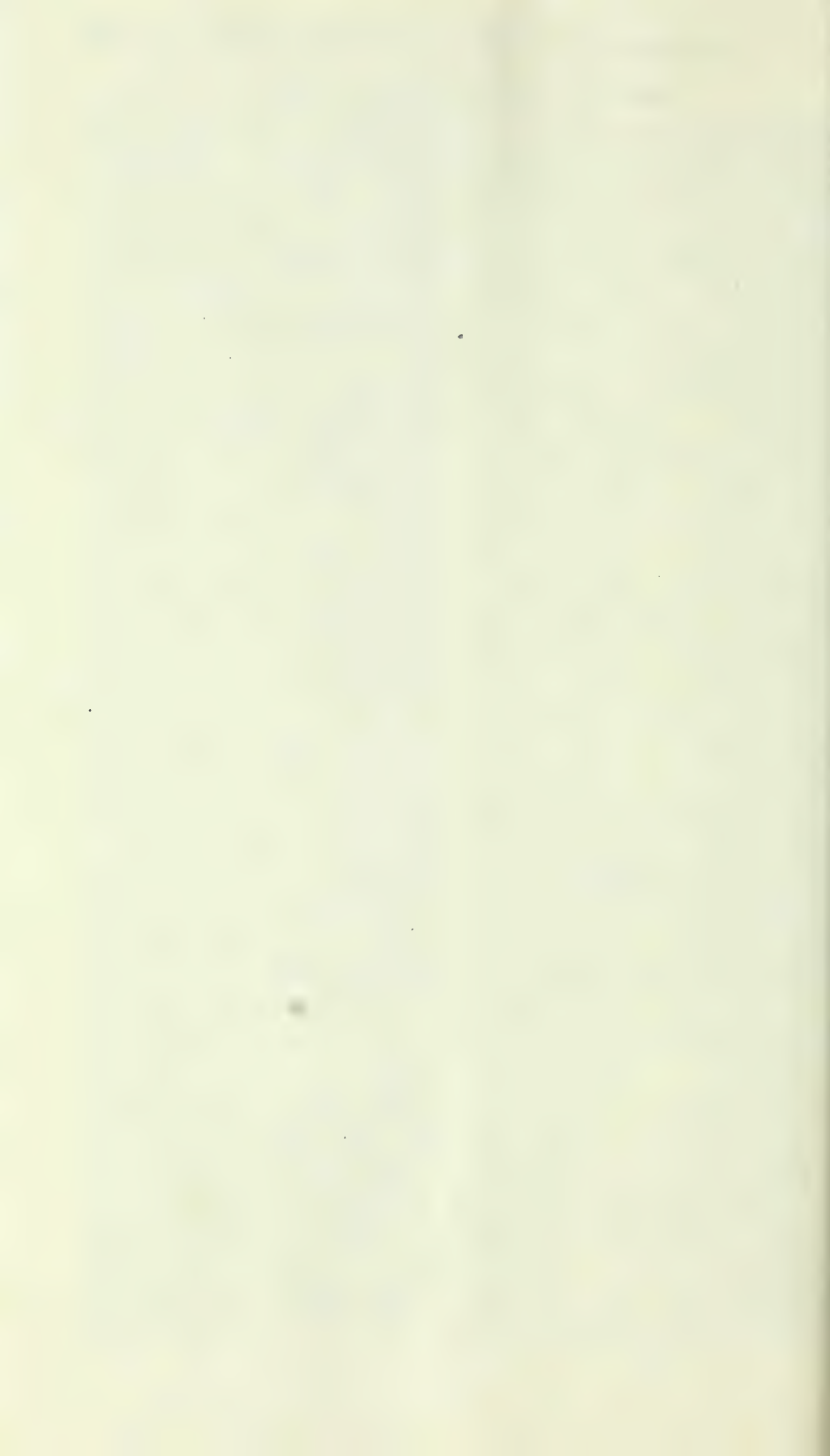
Pestalotia palmarum

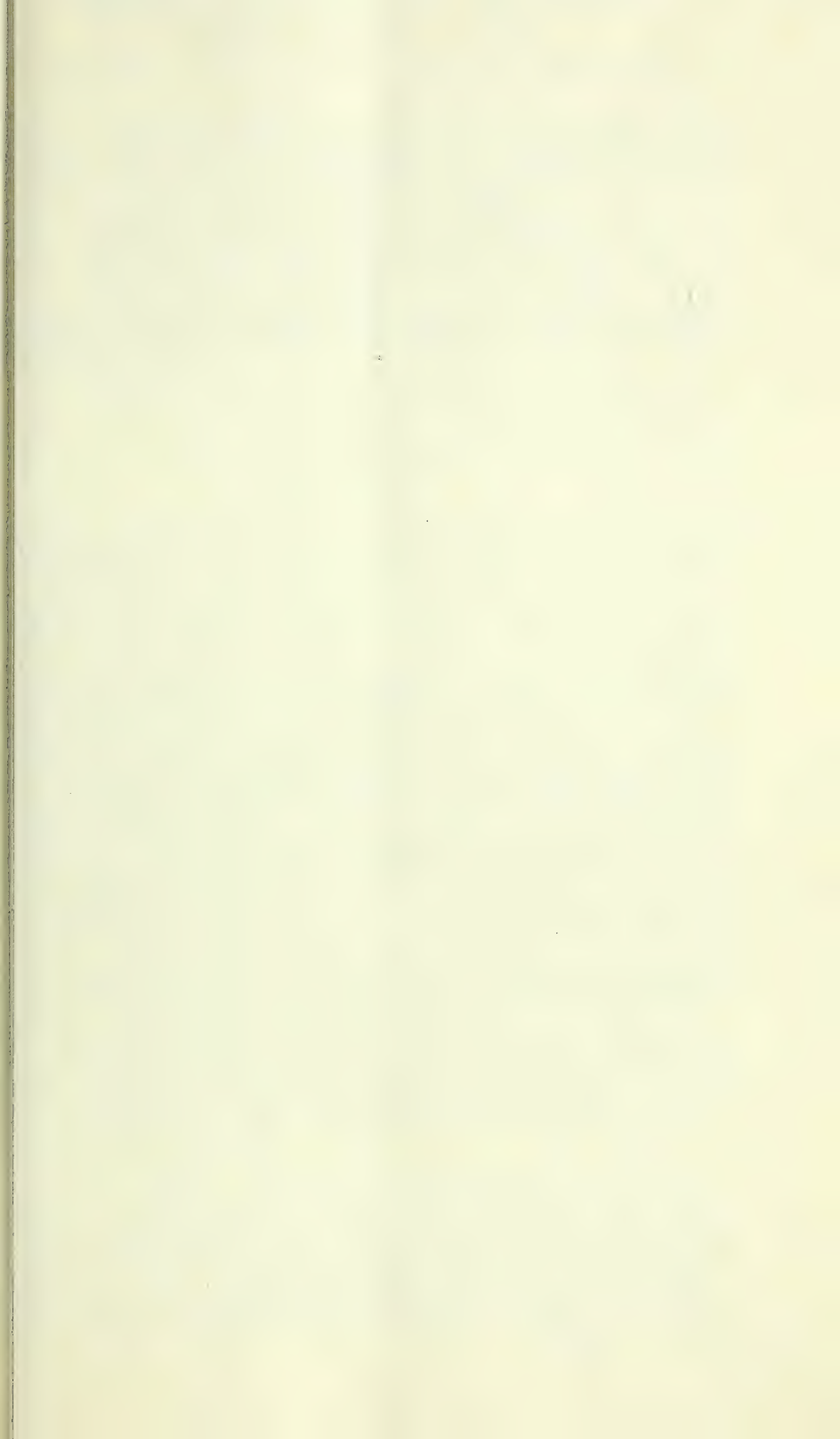
WALES:

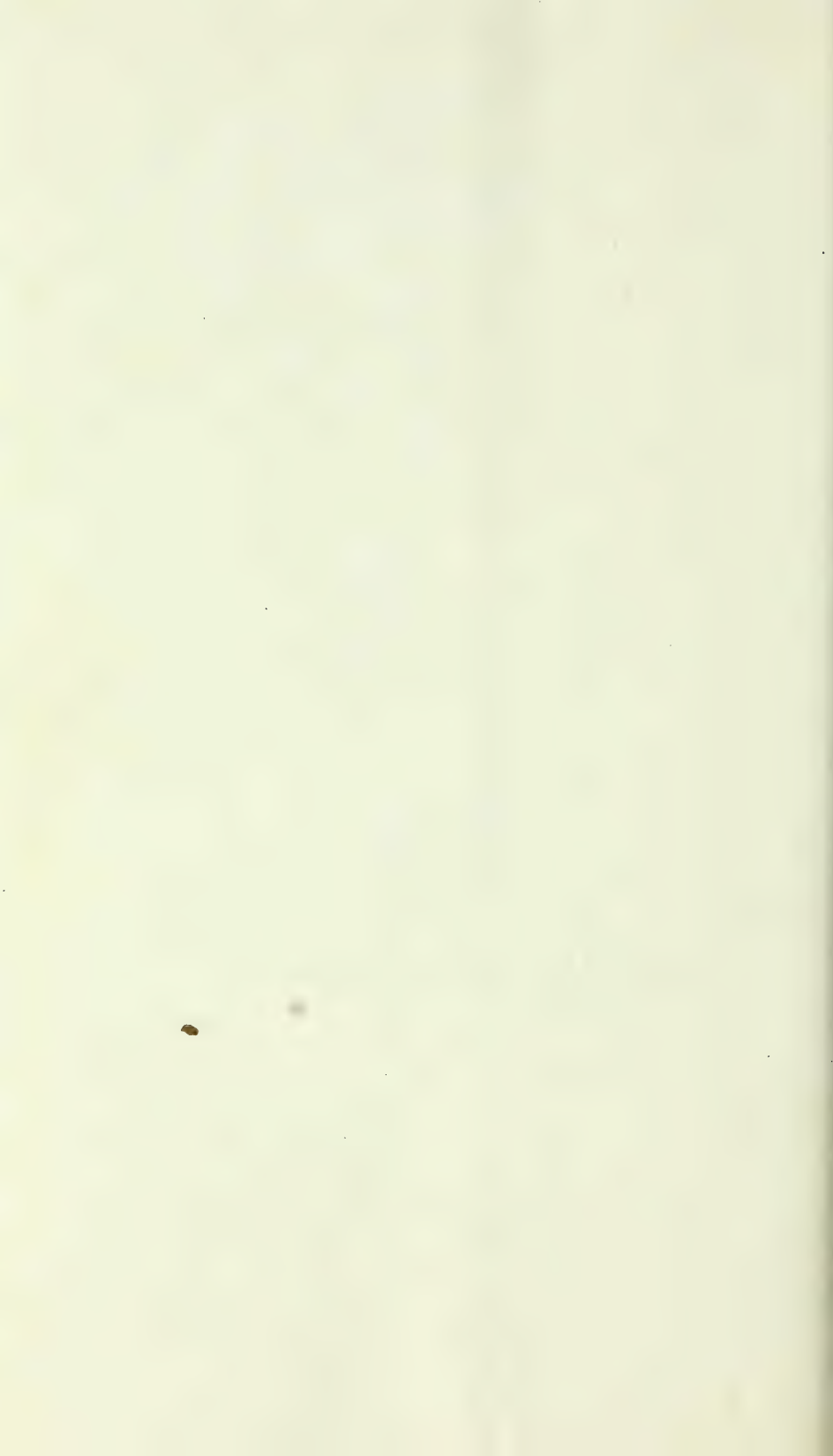
Heterodera rostochiensis

YUGOSLAVIA:

Cercospora capparisidis
Ustilago avenae







UNITED STATES DEPARTMENT OF AGRICULTURE

AGRICULTURAL RESEARCH ADMINISTRATION

BUREAU OF ENTOMOLOGY AND PLANT QUARANTINE

SERVICE AND REGULATORY ANNOUNCEMENTS

LIST OF INTERCEPTED PLANT PESTS, 1951

(of Pests Recorded During the Period July 1, 1950 to June 30, 1951, Inclusive, Intercepted in, on, or with Plants and Plant Products Entering United States Territory.)

Compiled by
JUDITH HUNT
Plant Quarantine Aid

INTRODUCTION

This report, covering the thirty-eighth year for which interception lists have been published, summarizes the records of insect pests, plant pathogens, and certain other organisms found in, on, or with plants and plant products (1) imported, (2) offered for entry, (3) held as ships' stores, etc. and hence not offered for entry through customs, (4) offered for entry for immediate transportation and exportation abroad, and (5) in domestic shipments between Hawaii and Puerto Rico and the mainland.

Because of the large number of collections involved, an effort has been made to restrict this list to those insects and plant diseases of known or potential plant quarantine importance. Intercepted plant pests that are known to be widely distributed throughout the United States are not included in the tabulation.

In some cases collections made late in the year are included in the report for the following year, since determinations cannot be obtained immediately for all of them. Occasionally determinations are delayed for longer periods. The data for this list are obtained from routine reports by personnel of this Bureau, supplemented by information supplied by State and Customs officials. The States of California and Florida maintain staffs of specialists who identify a large proportion of the material collected at their ports. Specialists of the Bureau of Plant Industry, and Agricultural Engineering determine many of the difficult or unusual pathogens collected at the ports.

Scientific names are reviewed by appropriate specialists in the Department to insure conformance to the international rules of nomenclature.

While every reasonable effort is made to give the correct origin for all collections, the alleged origin of host plant materials cannot be verified in all cases, and where there is reason to doubt the accuracy of the information, the questionable materials are either omitted or the origin is listed as unknown.

During the year of this report importers have continued a lively interest in obtaining various seeds, plants, bulbs, fruits, and plant products from many parts of the world. With such importations, which more and more frequently arrive by air, come an increasing number of living plant pathogens and insect pests. Fruit flies and the golden nematode continue to be among the primary pests for which inspectors are constantly alerted.

INTERCEPTIONS FROM AIR-BORNE MATERIAL

Plant pests have been intercepted frequently on air-borne plant material in baggage, express, freight, mail, and stores. During the year 3,269 interceptions were made of insects on imported plant parts or as stowaways, and 534 interceptions of plant diseases. A little more than one-third of the pathogens were not determinable to species, but, from the evidence, appeared to exhibit little or no risk to the country. A few of the specifically identified parasites are unknown in the United

States but are known to cause important crop losses in the countries where occur. Some of the more injurious insects intercepted during the year arrived on, or with fruits and plant material coming in by plane.

Among the more important insects found in air-borne material were: *Adoxo-orana* on cut flowers of lilac in cargo from the Netherlands (although this species rather general feeder this is the first record on lilac for the National Museum collection); the citrus blackfly (*Aleurocanthus woglumi*) on an orange leaf in baggage from Mexico; the woolly whitefly (*Aleurothrixus floccosus*) on *Citrus* sp. leaf in baggage from the Bahamas and on *linum vitae* in baggage from Jamaica; the Mexican fruit fly (*Anastrepha ludens*) in guava in baggage from Nicaragua, in manzanilla from Mexico, in orange in baggage and stores from Mexico; the Indian fruit fly (*A. mombinpraeoptans*) in mango in baggage from Cuba, Dominican Republic, Haiti, Jamaica, Mexico, Panama, Puerto Rico, and Salvador, in manzanilla in cargo from Panama and Salvador, in mango in mail from Puerto Rico, in manzanilla in quarters from Mexico, in *Spondias* sp. in baggage from Salvador, and in yellow mombin in baggage from Guatemala, Mexico, Nicaragua, Panama, and Salvador, in yellow mombin in stores from Guatemala; *A. serpentina* in sapodilla in baggage from Nicaragua, in sapote in baggage from Mexico, in star-apple in baggage from Panama and in star-apple in express from Salvador; *A. striata* in guava in baggage from Salvador and Trinidad; *A. suspensa* in guava in baggage from the Dominican Republic, Jamaica, and Puerto Rico, in guava in mail from Puerto Rico; *Bruchus rugosostriatus* in soil on roots of *Saxifraga* sp. in cargo from Switzerland; *Bruchus luteicornis* in vetch seed in baggage from Germany; the Mediterranean fruit fly (*Ceratitis capitata*) in *Annona* sp. in baggage from Portugal, in apple in baggage from the Azores and Portugal, in apricot in baggage from Lebanon and apricot in stores from Portugal, in avocado in baggage from Portugal, in fig in quarters from Italy, in fig in baggage from Greece, Italy, and Lebanon, in lemon in baggage from the Azores, in Mandarin orange in cargo from Spain, in Mandarin orange in stores from the Azores and Spain, in nectarine in baggage from Italy; *Opuntia* sp. in baggage from Italy, in orange in baggage from the Azores, Cyprus, Greece, Israel, Portugal, and Spain, in orange in cargo from Italy, in orange in stores from the Azores, Israel, Lebanon, and Spain, in peach in baggage from France, Italy, and Spain, in peach in stores from the Azores, Italy, and Portugal, in pear in baggage from Italy, in pear in stores from Portugal, in pomegranate in baggage from Greece, in prickly pear in baggage from Italy, in quince in baggage from Italy; *C. capitata* (?) in plum in baggage from Italy; the mango weevil (*Cryptorhynchus mangiferae*) in mango in baggage from India; the olive fruit fly (*D. oleae*) in olive in baggage from Italy, Lebanon, and Syria; the citrus whitefly (*Dialeurodes citrella*) on gardenia leaf in baggage from Mexico; *Ereunetis flavistriata* in coconut in baggage from Hawaii; the Oriental fruit moth (*Grapholitha molesta*) in peach and plum in baggage from Japan; a bean pod borer, *Maruca testulalis*, in pigeonpea in baggage and mail from Puerto Rico, in string bean in mail from Puerto Rico; in string bean in baggage in preflight inspection of an airplane leaving Puerto Rico for the mainland; the pink bollworm (*Pectinophora gossypiella*) in cotton bolls in baggage from the Bahamas and Italy, in cottonseed in baggage from Puerto Rico, in cottons in cargo from Brazil, in okra in baggage from Puerto Rico and Trinidad; the European corn borer (*Pyrausta nubilalis*) in grapes in baggage from Greece and Italy; the European corn borer (*Pyrausta nubilalis*) in pepper in baggage from Italy; *Rhagoletis cerasi* in cherry in baggage from Austria, England, France, Germany, Italy, Portugal, and Spain, in cherry in quarters from France, in cherry in stores from France, Portugal, and Sweden.

Some important plant pathogens found on air-borne material and believed to be new to or not as yet established in the United States were: *Catacauma sabal* on palm leaf in baggage from Mexico; *Cercospora insulana* on *Limonium* sp. in cargo from Mexico; *Chrysomyxa rhododendri* on rhododendron in cargo from England and Switzerland; *Colletotrichum cajani* on pigeonpea in baggage from Puerto Rico; *Elsinoe australis* on lemon and sweet orange in baggage from Brazil, on sweet orange in stores from Argentina, and on sweet orange in baggage from an unknown origin; *E. phaseoli* on lima bean in baggage from Puerto Rico; *Gymnosporangium juniperis* and *G. juniperinum* on European mountain ash in baggage from Sweden; "Lepros" on orange in baggage from Bolivia; *Mycosphaerella advena* on *Chamaedorea* sp. (palm) in cargo from Mexico; *M. palmarum* on palm in cargo from Mexico; *Phlyctaena ramulacearum* on tree peony in cargo from Japan; *Phoma hortensiae* on hydrangea in baggage from the Azores; *Phyllosticta passiflorae* on passion fruit in baggage from Australia; *Puccinia buxi* on box in baggage from Yugoslavia; *P. urbaniana*

Mytilarpheta spp. in baggage from Puerto Rico; *Septoria posekensis* on *Odontium citrosimum* (orchid) in cargo from Mexico and on *Cypripedium callosum* (orchid) in cargo from Siam; *Stachylidium theobromae* on banana in stores from Cuba; *Uredo jucunda* on philodendron in cargo from Costa Rica; virus (undetected) on *Crossandra* sp. in mail from the Canal Zone; *Xanthomonas citri* on sour orange in stores from India; *Xanthomonas* sp. (Cancrosis "B") on lemon in stores from Argentina.

Intercepted plant disease organisms found on air-borne material that are generally of limited distribution in the United States were: *Coniothyrium hellebori* on hellebore in cargo from the Netherlands and Switzerland; *Entyloma dahliae* on dahlia in baggage from Denmark; *Phakopsora desmii* on cotton in baggage from Puerto Rico; two species of nematodes, *Heterodera punctata* in soil with various plants intended for propagation from England, Germany, Sweden, and Switzerland; and the golden nematode (*H. rostochiensis*) in soil with strawberry, gooseberry, and lavender, chrysanthemum plants from England, in soil with raspberry and currant plants from Sweden, in soil with rhododendron, heather, and shamrock plants from Scotland, in soil with gloxinia plants from Norway and Luxembourg, in soil with kale and shamrock plants from Ireland, in soil with narcissus bulbs and various roots from Ireland, in soil with *Myrtus* sp. plant from Germany, in soil with various plants from Switzerland, and in soil with strawberry plants from Denmark. If this material was intended for propagation.

NOTES ON INSECTS INTERCEPTED

FRUIT FLIES

The following fruit flies were intercepted: *Anastrepha fraterculus* in orange in stores from Argentina and in peach in baggage from Mexico; the Mexican fruit fly (*A. ludens*) in avocado in baggage from Mexico, in grapefruit in stores from Mexico, in grapefruit in baggage from Mexico, in guava in baggage from Nicaragua, in mango in baggage, quarters, and stores from Mexico, in orange in baggage from Guatemala, Mexico, and Salvador, in orange in stores from Costa Rica and Mexico, in orange in quarters from Mexico, in peach in baggage from Mexico, in peach in baggage from Mexico, in pomegranate in baggage from Mexico, in quince in baggage from Mexico, in sapote in baggage from Mexico, and in sweet lime in baggage from Mexico; the West Indian fruit fly (*A. mombinpraeoptans*) in mango in baggage from Cuba, Dominican Republic, Haiti, Jamaica, Mexico, Panama, Puerto Rico, and Salvador, in mango in cargo from Panama and Salvador, in mango in baggage from Puerto Rico, in mango in quarters from Guatemala, Honduras, Mexico, and Trinidad, in mango in stores from the Canal Zone, Cuba, Dominican Republic, and Haiti, in *Spondias* sp. in baggage from Salvador and in *Spondias* sp. in mail from Puerto Rico, in yellow mombin in baggage from Guatemala, Nicaragua, Panama, and Salvador, in yellow mombin in baggage and stores from Guatemala; *A. mombinpraeoptans* (?) in guava in quarters from Honduras; *A. serpentina* in guava and sapote in baggage from Mexico, in sapodilla in baggage from Nicaragua, in sapodilla in quarters from Guatemala, in star-apple in baggage from Panama, in star-apple in express from Salvador; *A. serpentina* (?) in orange in stores from Peru; *A. striata* in guava in baggage from Salvador and Trinidad; *A. suspensa* in guava in baggage from the Dominican Republic, Jamaica, and Puerto Rico, in guava in mail from Puerto Rico; the Mediterranean fruit fly (*Ceratitis capitata*) in guava in baggage from Portugal, in apple in baggage from the Azores, Italy, Portugal, in apricot in baggage from Greece and Lebanon and in apricot in stores from Portugal, in avocado in baggage from Portugal, in coffee berry in baggage from Hawaii, in fig in baggage from Greece, Italy, and Lebanon, in fig in quarters from Italy, in grapefruit in stores from Cyprus, Egypt, Gibraltar (?), Israel, Palestine, and Spain, in guava in baggage from Israel, in lemon in baggage from the Azores and Italy, in Mandarin orange in baggage from Israel and Italy, in Mandarin orange in cargo from Spain, in Mandarin orange in stores from Algeria, the Azores, Portugal, and Spain, in nectarine in baggage from Italy, in orange in baggage from the Azores, Cyprus, Greece, Israel, Italy, Malta, Palestine, Portugal, and Spain, in orange in cargo from Italy, in orange in stores from Africa, Algeria, the Azores, Israel, Italy, Lebanon, Portugal, and Spain, in peach in baggage from Greece, Italy, and Spain, in peach in stores from the Azores, Italy, Palestine, and Portugal, in pears in baggage from Italy and Syria, in pear in quarters from Italy, in pear in stores from Portugal, in persimmon in baggage from Italy, in pomegranate

in baggage from Greece and Italy, in prickly pear in baggage from Italy, an quince in baggage from Italy, with grapes, oranges, and plums from Italy (a doned on pier); *C. capitata* (?) in plum in baggage from Italy; the melon fly (*D. cucurbitae*) in cucumber in cargo and stores from Hawaii, in tomato in stores from Hawaii; the Oriental fruit fly (*D. dorsalis*) in avocado in baggage from Hawaii; banana in baggage and quarters from Hawaii, a dead adult in a case of cucumber in cargo from Hawaii, in mango in baggage from Hawaii, in tomato in stores from Hawaii; in *Ochrosia elliptica* in baggage from Hawaii; the olive fruit fly (*D. ol*) in olive in baggage from Italy, Lebanon, and Syria, in olive in mail from Italy, olive in quarters from Crete, in olive in stores from Greece; *D. oleae* (?) in olive stores from Algeria; *Rhagoletis cerasi* in cherry in baggage from Austria, England, France, Germany, Italy, Portugal, and Spain; in cherry in quarters from France in cherry in stores from France, Italy, Portugal, and Sweden; the walnut husk (*R. completa*) in walnut in baggage from Mexico; *R. juglans* in black walnut baggage from Mexico; *R. pomonella* in apple in baggage from Mexico, in apple stores from Canada and the Union of South Africa.

INSECTS OTHER THAN FRUIT FLIES

The following miscellaneous insects of special interest were intercepted: A bruchid *Acanthoscelides griseolus*, in *Rhynchosia* sp. seed in mail from Mexico; an erioph mite, *Aceria tulipae*, on garlic in cargo from Mexico and on garlic in stores from Chile; *Adoxophyes orana* (Tortricidae) on cut flowers of lilac in cargo by air from the Netherlands; the citrus blackfly (*Aleurocanthus woglumi*) on leaves of *Citrus* in baggage and in mail from Mexico, on hibiscus leaf in baggage from Mexico, Mandarin orange leaf in baggage from Mexico, on orange leaves in baggage and baggage by air from Mexico, on orange leaf in stores from Peru, and on sour lime leaf in cargo from Mexico; *Apsyromyrmex tristani* (Formicidae), a very rare species in most collections, on cane of *Philodendron* sp. in cargo from Costa Rica; a curculionid, *Brachyrhinus rugosostriatus*, in soil and moss packing for *Quercus* sp. in cargo and in soil on roots of *Saxifraga* sp., in cargo from Switzerland; a coccid, *Chrysomphalus ritchiei*, on *Calocarpum sapota* in stores from the Canal Zone; *Coccinellus dactyliperda* (Scolytidae) in cliff date palm seed in mail from India and unidentified seed in baggage from Hawaii; the banana root borer (*Cosmopolites sordidus*) in banana in cargo from Nicaragua; a curculionid, *Cylas femoralis*, sweetpotato in baggage from Liberia; *Epicaerus cognatus* in potato in baggage from stores from Mexico; *Epinotia tessulatana* (Olethreutidae) in Portuguese cypress baggage from Portugal; an olethreutid, *Gymnandrosoma aurantianum*, in an orange in stores from Brazil; *Laspeyresia juliana* (Olethreutidae) in chestnut in baggage from Italy; a scolytid, *Leperisinus fraxini*, in *Ulmus* sp. (?) crate in cargo from England; *Lepidosaphes kuwacola* (Coccidae) on tree peony in air express from Japan; *Liliocercis lili* (Chrysomelidae) in Madonna lily bulb and lily bulb in cargo from France; *Myrmica laevinodis* (Formicidae), an important economic species, on shad daisy in air express from England; *Naupaetus xanthographus* (Curculionidae) packing around melons in cargo from Chile; the pink bollworm (*Pectinophora gossypiella*) in cotton bolls in baggage from the Bahamas, British West Africa, Hawaii, Italy, and Mexico, in cotton boll in cargo from Mexico, in cottonseed baggage from Mexico, in cottonseed in baggage by air from Puerto Rico, in cottonseed in cargo from Brazil, Egypt, and India, and in cargo by air from Brazil, cottonseed in mail from Brazil, Egypt, and Korea, in cottonseed in quarters from Mexico, in seed cotton in baggage, cargo, and quarters from Mexico, in seed cotton in mail from an unknown origin, in okra in baggage by air from Puerto Rico, in Trinidad, in okra in mail from Egypt, and in okra in stores from Brazil and Egypt; an olethreutid, *Polychrosis botrana*, in grape in baggage by air from Greece and Italy; *Puto ulter* (Coccidae) on *Brassia verrucosa*, *Epidendrum atropurpureum*, *Oncidium splendidum*, and *Oncidium* sp., all orchids, in cargo by air from Guatemala; *Reticulitermes speratus* (Rhinotermitidae) on tree peony in cargo from Japan; *Sesamia cretica* (Phalaenidae) in broomcorn and corn in baggage from Italy and in broomcorn in cargo from Greece and Italy; the coffee berry borer (*Stephanoderes hampei*) in coffee beans in stores from Brazil; the bulb scale mite (*Tarsonemus laticeps*) in narcissus bulbs in cargo from the Netherlands.

SNAILS

During the year eleven shiploads of returned military equipment were found to be contaminated with the giant African snail (*Achatina fulica*). San Pedro, Calif., again made the largest number of interceptions of snails (6) on ships arriving from

Guam, the Philippines, and Saipan while San Francisco, Calif., made 4 interceptions and Portland, Oreg., made one, all on ships coming from Guam.

Another injurious snail, *Deroceras reticulatum*, distributed in some of our States, was intercepted at New York, N. Y., with celery in stores from Bermuda, with cut flowers of chrysanthemums in baggage from England, and with unidentified plant material in baggage from Italy, at Galveston, Tex., with cabbage in stores from Italy, and at Miami, Fla., with *Cattleya* sp., an orchid, in cargo by air from Venezuela. *Lamellaxis* sp., a third injurious species, not known to occur on the mainland of the United States, was taken at Honolulu, Hawaii with *Renanthera storiei*, an orchid, in cargo from the Philippines.

NOTES ON DISEASES INTERCEPTED

Japan has contributed the greatest number of interceptions (25) of citrus canker (*Xanthomonas citri*), 17 of which were on lemons, the remaining on sweet oranges and one each on pummelo and grapefruit. China supplied nearly as many interceptions (20) on the same above hosts except lemon and one on Mandarin orange. Italy dropped to third place this year, contributing fewer interceptions (15) than previous years, most of them on sour lime with one each on lemon and calamondin orange. Cancrosis "B" (*Xanthomonas* sp.), closely related to citrus canker, was intercepted six times on lemons from Argentina. Brazil contributed more interceptions (84) of sweet orange fruit scab (*Elsinoe australis*) on orange, lemon, and sour lime than Argentina (16) on the same hosts except sour lime. "Leprosis", a comparatively new disease to the citrus industry possibly caused by a virus or insect injury, has been intercepted once from Bolivia and once from Brazil. Quantities of plants for propagation purposes were intercepted at the ports of entry. *Chrysospora rhododendri*, a rust attacking both spruces and rhododendrons, was brought to this country with cut rhododendron flowers four times from Austria, three times from Switzerland, and once from an unknown source. It also came on one occasion from England on the same host, intended for propagation. Japan contributed 4 interceptions of Chinese juniper infected by a leaf rust, *Gymnosporangium haraei*. Flowering quince is the alternate host of this rust species. A stem disease, *Chothyrium cytisallum*, of *Laburnum* sp. and a leaf disease, *C. hellebori*, on Christmas-rose came from the Netherlands. Two rust diseases, *Gymnosporangium juniperi* and *G. juniperinum*, were intercepted on European mountain ash from Norway and Sweden. The alternate host as the species name implies in both cases is juniper. A destructive leaf disease, *Septoria azaleae*, of rhododendron and azalea was brought from Belgium and the Netherlands.

Other pathogens of importance were *Botrytis gladiolorum* on gladiolus and *Tritonia* in cargo from the Netherlands, on gladiolus in mail from Austria, on gladiolus in cargo from Japan, and on gladiolus in baggage from Mexico and the Netherlands; *Cospora handelli* on rhododendron in cargo from the Netherlands; *C. kaki* on quince in stores from Japan; a parasitic lichen, *Mycena citricolor* (formerly *Phalia flvida*), on gardenia in baggage from Guatemala and on gardenia in cargo from Mexico.

Nematodes have been important plant pests. The golden nematode, (*Heterodera roachiensis*), causing serious concern for the third year, generally found in soil with various plant material for propagation, was intercepted 80 times from the British Isles, Europe, and the Scandinavian countries. This nematode was also found 57 times in soil on bagging from Belgium, England, the Netherlands, and Scotland, 21 times in soil with potatoes from Denmark, England, Germany, Ireland, Norway, Scotland, and Spain, 9 times in soil with heather and potatoes from Scotland. Other nematodes of importance were *Anguina tritici* in wheat in mail from Syria and Turkey; *Ahelenchoides parietinus* in *Convallaria* sp. in cargo from Denmark; *Aphelenchus* in onion, potato, and soil with cactus plants, all in baggage from Mexico, and gladiolus in mail from the Netherlands; *Ditylenchus dipsaci* in onion in baggage from Mexico and in *Tigridia* sp. in cargo from the Netherlands; *D. iridis* in iris in cargo from the Netherlands; *Heterodera avenae* in soil with rutabagas in stores from England and in soil with pine in baggage from the Isle of Man; *H. cacti* in soil with cactus in baggage from France and Israel and in soil with *Epiphyllum* sp. and *Commellaria* sp. in mail from Mexico; *H. punctata* in soil with various host materials from the British Isles, the Scandinavian Countries, and Europe; *H. schachtii* in soil with beets in stores and in soil with grapes and fig plants in baggage from Italy; *Meloidogyne arenaria* in begonia tubers in cargo from Belgium and in roots of cleome in cargo from the Netherlands.

INCOMPLETELY DETERMINED PESTS

In many instances complete determinations of insects and plant pathogens, including nematodes, have been impossible due to their condition on arrival. So of these potential pests may be hitherto unknown and may be of economic importance. Furthermore, the increasing importance of nematodes in agriculture paralleled by an increasing number of interceptions by every method of transportation.

INSECTS

Among the incompletely determined insects were the following fruit flies: *Anastrepha* sp., probably *ludens*, at Brownsville, Tex., in an empty boxcar which carried mangoes from Mexico, at El Paso, Tex., in mango in baggage from Mexico at Galveston, Tex., in orange in stores from British Honduras; *Anastrepha* sp., probably *mombinpraeoptans*, at New Orleans, La., in guava in quarters from Honduras; *Anastrepha* sp. at Miami, Fla., in custard-apple in baggage by air from Puerto Rico, at San Juan, Puerto Rico, in date in baggage in preflight inspection for shipment the mainland, at Brownsville, Tex., in mamey in baggage from Mexico, at Mobile, Ala., in grapefruit in stores from Peru, at Jacksonville, Fla., in grapefruit in stores from Argentina, at Laredo, Tex., in guava in baggage from Mexico, at New Orleans, La., in guava in baggage by air from Salvador, at New York, N. Y., in guava in baggage by air from Colombia, at Baltimore, Md., in mango in stores from Panama, at Brownsville, Tex., in mango in baggage from Mexico, at Hidalgo, Tex., in mango in baggage from Mexico, at Miami, Fla., in mango in baggage by air from Jamaica, at Laredo, Tex., in mango in baggage from Mexico, at New Orleans, La., in mango in baggage by air from Jamaica and in mango in quarters from Cuba and Guatemala, at New York, N. Y., in mango in baggage from Ecuador, at San Antonio, Tex., in mango in baggage by air from Salvador, at West Palm Beach, Fla., in mango in baggage by air from Jamaica, at Brownsville, Tex., in orange in baggage from Mexico, at Houston, Tex., in orange in baggage by air from Guatemala, at Miami, Fla., in orange in baggage by air and stores from Colombia, at New Orleans, La., in orange in stores from Brazil and Peru, at New York, N. Y. in orange in baggage by air from Colombia, at Philadelphia, Pa., in orange in stores from Brazil, at Port Arthur, Tex., in orange in quarters from Brazil, at Brownsville, Tex., *Passiflora* sp., in stores from Mexico, at Laredo, Tex., in peach in baggage from Mexico, at Thayer, Tex., in peach in baggage from Mexico, at New York, N. Y., persimmon in baggage by air from Brazil, at Brownsville, Tex., in plum in stores from Mexico, at New Orleans, La., in sapodilla in baggage by air from Salvador, San Antonio, Tex., in sapodilla in baggage by air from Colombia and Mexico, Tampa, Fla., in sourp in baggage by air from Peru, at San Pedro, Calif., in yellow mombin in baggage by air from Salvador, at Nogales, Ariz., in a railway car which had been used for hauling mangoes from Mexico; *Dacus* sp. at Norfolk, Va., cucumber in stores from the Gold Coast, at Baltimore, Md., in squash in stores from the Union of South Africa, at Gulfport, Miss., in tomato in stores from Hawaii; *Rhagoletis* sp. at Laredo, Tex., in apple and apricot in baggage from Mexico, at New York, N. Y., in apple in stores by air from unknown origin (airplane stopped at London, England, and Gander, Canada). Forty-five interceptions which could not be identified beyond family (Tephritidae) were taken at Boston, Mass., in apple in baggage by air from the Azores and Portugal, in apple in stores by air from Australia, in apricot in stores by air from Portugal, at Hidalgo, Tex., in avocado in baggage from Mexico, at San Francisco, Calif., in avocado in baggage from Hawaii, at New York, N. Y., in azarole hawthorn in baggage from Italy, at San Francisco, Calif., in coffee berry in baggage from Hawaii, in cucumber in cargo from Hawaii, at New York, N. Y., in *Cyphomandra* sp. in mail from Mexico, with assorted fruit in baggage from Italy, at New Orleans, La., in grape in cargo from Argentina, at New York, N. Y., in grape in baggage from Italy and in grapes in stores by air from an unknown origin, at Boston, Mass., in grapefruit in stores from Egypt and the Gold Coast, at Houston, Tex., in grapefruit in quarters from Argentina, at Honolulu, Hawaii, in fruit of *Leucosomia burnettiana* in baggage from the Fiji Islands, at Houston, Tex., in mango in baggage by air from Peru, at Laredo, Tex., in mango in baggage from Mexico, at San Francisco, Calif., in mango in baggage from Hawaii, at Baltimore, Md., in orange in stores from Brazil, at Boston, Mass., in orange in stores from Algeria, Portugal (by air), and Spain, at Galveston, Tex., in orange in stores from Brazil, at Laredo, Tex., in orange in baggage from Mexico, at New York, N. Y., in orange in baggage from Trinidad and in orange in stores by air from the Union of South Africa, at Philadelphia, Pa., in orange in quarters from Egypt, at San Diego, Calif., in papaya in stores from Hawaii, at Boston, Mass., in peach in

res by air from the Union of South Africa, at New York, N. Y., in pear in baggage from Greece, at Galveston, Tex., in pepper in stores from the Gold Coast, at Philadelphia, Pa., in chili pepper in stores from Sierra Leone, at San Francisco, Calif., in bell pepper in cargo from Hawaii, at New York, N. Y., in sorbe apple in baggage from Italy, at Calexico, Calif., in a refrigerator car which had been used to transport bananas from Mexico.

The following miscellaneous insects of special interest were intercepted: An aphidid, *Aleurocerus* sp., at San Antonio, Tex., on *Chamaedorea oblongata* in cargo from Mexico; *Anaphothrips* sp., near or equals *secticornis* (Tryb.) (Thripidae), at Honolulu, Hawaii, on iris plant, in cargo by air from New Zealand; a coccid, *Anulaspis* sp., at Nogales, Ariz., on bamboo in cargo from Mexico; a scarabaeid, *Amogla* sp. at Seattle, Wash., in soil around dwarf juniper in baggage from Japan; a Curculionid, *Athonomus* sp., near *rectirostris* (L.), (Curculionidae) at Seattle, Wash., in *Prunus* seed in cargo from Japan; *Apion* sp., near *cerdo* Gerst., (Curculionidae) at New York, N. Y., in vetch seed in cargo from Portugal and in vetch seed in mail from Italy; a phalaenid, *Autographa* sp., might be *gamma* (L.), at Mobile, Ala., on cauliflower in stores from England; *Autoserica* sp. (Scarabaeidae) at San Diego, Calif., in soil around dwarf conifers in baggage from Japan; *Brachyrhinus* sp. (Curculionidae) at Seattle, Wash., with astilbe roots in cargo and at Hoboken, N. J., with *Gonia* tubers in mail from the Netherlands, at New York, N. Y., in soil with carnation plants in baggage from Germany, and at New York, N. Y., in soil with oxalis roots in baggage from France; a bruchid, *Bruchus* sp., *ervi* Froel. or very near, at New York, N. Y., in dry lentils in baggage from Italy and in cargo by air from Lebanon; *Bruchus* sp., probably *tristis* Boh., at New York, N. Y., in *Lathyrus* sp. seed in baggage from Italy; *Carposina* sp. (Carposinidae) at San Francisco, Calif., *Robos magnolia* seed in air freight from Japan; a bruchid, *Caryedon* sp., at Washington, D. C., in seed pod of *Terminalia sericea* in mail from Pretoria; an anthribid, *Cerberinae* (genus unknown), at Nogales, Ariz., in the blossoms of pine from Mexico. (Insofar as known all the species live, as larvae, in the staminate cones of various pines.) *Cladius* sp., probably *diffimoris* (Panz.), (Tenthredinidae) was intercepted at New York, N. Y., with roses in baggage by air from Czechoslovakia, Germany, Italy, and Scotland; a curculionid, *Cleonus* sp. at Baltimore, Md., and New York, N. Y., in beets in stores from Egypt; a tortricid, *Cnephasia* sp., near equals *virgaureana* (Treit.), at New York, N. Y., in soil with viburnum cuttings, roses, and *Sedum* sp. plants, and narcissus bulbs in baggage from England; *Cnicera* sp. (Elateridae) at Seattle, Wash., with lily bulbs in mail from Canada, Norfolk, Va., in soil with potatoes in stores from Denmark, and at Hoboken, N. J., in forest litter packing for violet plants in mail from Germany; an undescribed species of *Diaspis* sp. (Coccidae) at Hidalgo, Tex., on avocado in baggage from Mexico; *Diphaulaca* sp., presumably *panamae* Barber, (Chrysomelidae) at New Orleans, La., on deck of airplane from Guatemala; *Euura* sp. (Tenthredinidae) at Boston, Mass., in willow with in cargo by air from France; *Gelechia* sp. (probably *ar*) (Gelechiidae) at Nogales, Ariz., on a leaf of *Jathropha cinerea* in cargo from Mexico; *Gnorimoschema* sp., near or equals *ocellatella* (Boyd), (Gelechiidae) at Philadelphia, Pa., in beets in stores from Egypt; *Gnorimoschema* sp. at New York, N. Y., in Swiss chard in stores from Gibraltar (?); an olethreutid *Gymnandrosoma* at New Orleans, La., in an orange in quarters from Mexico; a psyllid, *Heteropsylla* sp., either undescribed or belonging to a species whose males are unknown, at Nogales, Ariz., with a pod of *Cryptostegia* sp. in baggage from Mexico; *Hypera* sp., near *murinus* (F.), (Curculionidae) at San Francisco, Calif., with *Ribes* sp. in mail from Germany; *Laphygma* sp., probably *exempta* (Wlk.), (Phalaenidae) at Honolulu, Hawaii, in an airplane from Kwajalein; *Lecanium* sp. (Coccidae) at San Francisco, Calif., on a plum tree in baggage from Japan. (This is a species not previously reported from Japan and one probably undescribed.) *Lepidosophes* sp. (Coccidae) was intercepted at San Francisco, Calif., on coconut in mail from Nigeria. (There is a possibility that this actually may be *L. vermiculus* Mamet but it does not fit rigidly in description and figure.) A pyraustid, *Leucinodes* sp., probably *orbonalis* Gn., was intercepted at Philadelphia, Pa., in eggplant in stores from the Gold Coast; *Lixus* sp., probably *junci* Boh., (Curculionidae) at Boston, Mass., in beet in stores from Palestine; a mirid, *Mala* sp., probably a new species, at Laredo, Tex., on a leaf of *Cocasia* sp. in baggage from Mexico; *Megacyllene* sp., near *boliviana* (Chev.) (Grambycidae) at New York, N. Y., on loosely baled cube root in cargo from Peru; *Milia* sp. (Schoenobiidae), probably a new species, at Miami, Fla., on philodendron cutting in cargo by air from Colombia; *Niveaspis* sp. (Coccidae), an undescribed species, at Laredo, Tex., on *Laelia* sp. and *Oncidium* sp. in cargo from Mexico; *Pionychis* sp. (Chrysomelidae), very interesting and not in the collection at the

U. S. National Museum, at Nogales, Ariz., with lettuce in baggage from Mexico chrysomelid, *Phyllobrotica* sp. at Seattle, Wash., in soil packing of lily bulbs in cargo from Japan; *Pityogenes* sp., probably *chalcographus* (L.), (Scolytidae) at Seattle, Wash., in bark of a wooden crate in cargo from Czechoslovakia; *Platypus* sp., probably *curtus* Chap., (Platypodidae) at Charleston, S. C., in *Khaya* sp. log cargo from the Philippines; *Prays* sp. (Hyponomeutidae) at New York, N. Y., on pomelo in stores from Egypt; a coccid, *Pseudaonidia* sp., a new species, at San Francisco, Calif., on *Dendrobium* sp. in air freight from Australia; *Reticulitermes* sp., probably *lucifugus* (Rossi), (Rhinotermitidae) at New York, N. Y., in and around roots of a potted *Jasminum* sp. plant in baggage from Italy; *Taeniothrips* sp., near or equals *gracilis* Mlt., (Thripidae) at Buffalo, N. Y., on *Lycoris* sp. bulb in cargo from Japan and at Hoboken, N. J., in mail from Japan; *Thrips* sp., near *physapus* L., (Thripidae) at Washington, D. C., on a leaf of *Fragaria* sp. in mail from Sweden, a scolytid, *Xyleborus* sp., near or equals *confusus* Eichh., at Charleston, S. C., in *Copaifera hemitomophylla* log in cargo from Costa Rica.

There were 2,178 interceptions distributed among 554 genera, which could be identified to genus only. A total of 116 could be determined to family or subfamily only.

A total of 2,294 incompletely determined insects were intercepted during the year.

DISEASES

Incompletely determined fungi on plants collected at the ports of entry during the year were the following suspected pathogens: An actinomycete causing stem galls of azalea at Seattle, Wash., in express from England; *Ascochyta* sp., at Philadelphia, Pa., on orange in stores from the Union of South Africa; *Ascochyta* sp., at Seattle, Wash., on *Viburnum rhytidophyllum* in cargo from France; *Cercospora* sp., at Brownsville, Tex., on palm fronds and snapdragon in cargo from Mexico, on avocado in stores from Mexico, and on mistletoe in baggage from Mexico; *Cercospora* sp. at Laredo, Tex., on orchids in baggage and cargo from Mexico; *Cercospora* sp., at Miami, Fla., on *Cycnoches chlorochilon*, an orchid, in cargo by air from the Canal Zone; *Cercospora* sp., at New York, N. Y., on croton leaf in baggage by air from the Bahamas; *Cercospora* sp., at San Francisco, Calif., on *Miltonia russelliana*, an orchid, in cargo by air from Brazil; *Cercospora* sp., at San Juan, P. R., on a citrus leaf and on leaves of *Eryngium* sp. in baggage in preflight inspection of plane leaving San Juan for the mainland; *Cercospora* sp., at Seattle, Wash., on *Primula* sp., in mail from British Columbia; *Ceuthospora* sp., at Hoboken, N. J., on mountain laurel leaves in cargo from the Netherlands; *Curvularia* sp., at San Francisco, Calif., on elephant ear in cargo from China; *Cylindrosporium* sp., at San Francisco, Calif., on dry leaf of *Bambusa* sp. in cargo from China and on tree peony in cargo from Japan; *Endoconidiophora* sp., close to *fimbriata* (Ell. & Hals.) Davidson at San Francisco, Calif., on kudzu-bean in cargo from China; *Erwinia* sp. (undescribed), New York, N. Y., on endive in cargo from Belgium; *Gymnosporangium* sp., at New York, N. Y., on leaves of *Sorbus aucuparia* in baggage by air from Sweden; *Mycosphaerella* sp. at San Juan, P. R., on citrus leaves in baggage in preflight inspection of an airplane leaving San Juan for the mainland; *Mycosphaerella* sp. at New York, N. Y., on leaves of *Arctostaphylos uva-ursi* (bearberry) in baggage from Finland; *Phytophthora* sp., probably of the *cryptogaea* type, at Hoboken, N. J., on *Incarvillea* sp., in cargo from the Netherlands; *Phytophthora* sp., at Hoboken, N. J., on gloxin in cargo and air express from Belgium; *Plenodomus* sp., at San Francisco, Calif., on snowdrop bulbs in cargo from the Netherlands; *Pseudomonas* sp. (undescribed), New York, N. Y., on endive in cargo from Belgium; *Sclerotium* sp., at Buffalo, N. Y., on narcissus bulbs in cargo from the Netherlands; *Sclerotium* sp., at Portland, Oregon, on *Tulipa fosteriana* bulb in cargo from the Netherlands; *Sclerotium* sp., at Seattle, Wash., on taro in cargo from China; *Sclerotium* sp., at Philadelphia, Pa., on *Galanthus* sp. bulbs in cargo from the Netherlands; *Sclerotium* sp., at Hoboken, N. J., on *Iris* sp. in air express from Jordan and on *Urceolina miniata* (scarlet pitcherlily) in mail from the Netherlands; *Sclerotium* sp., at New York, N. Y., on lily bulbs and *Muscari* sp. bulbs in cargo from the Netherlands; *Sclerotium* sp. at San Francisco, Calif., on seeds of Japanese aucuba in mail from Italy, on English iris bulbs in mail from England, on *Euphorbia pulcherrima* in mail from Honduras, and on narcissus bulbs in cargo from the Netherlands; *Septoria* sp., at San Antonio, Tex., on palm leaf in cargo by air from Mexico; *Septoria* sp., at Honolulu, Hawaii, on palm leaf in cargo from Truk; *Sphaceloma* sp., at Baltimore, Md., and Boston, Mass., on lemon in stores from the Union of South Africa; *Sphaceloma* sp., at San Pedro, Calif., on

ange in stores from Curacao; *Uredo* sp., at El Paso, Tex., on *Brassavola* sp., an orchid, in cargo by air from Mexico; *Uredo* sp. at Nogales, Ariz., on an orchid in cargo from Mexico; *Uredo* sp. at Brownsville, Tex., on *Diacrium bilamellatum*, an orchid, in cargo by air from the Canal Zone; *Uredo* sp., at Miami, Fla., on *Maswallia* sp., an orchid, in cargo by air from Costa Rica; *Verticillium* sp., close to *undidum* Pk., at Hoboken, N. J., on corm of *Acidanthera* sp., in cargo from the Netherlands; *Verticillium* sp., at Philadelphia, Pa., on roots of *Alpinia galanga* in stores from India; *Verticillium* sp., at Houston, Tex., on a begonia tuber in cargo from the Netherlands; *Verticillium* sp., at Seattle, Wash., on *Dendrobium* sp., an orchid, in mail from India and on waterchestnut in cargo from China; *Verticillium* sp., at Philadelphia, Pa., on *Lilium* sp. in cargo from the Netherlands.

Nematode interceptions included *Ditylenchus* spp. with lily-of-the-valley pips and various bulbs, including garlic, glory-of-the-snow, colchicum, and iris; *Heterodera* spp. in soil arriving with plants for propagation, vegetables in ships' stores, dried bagging, dried roots for pharmaceutical purposes and even Irish shamrocks; *Helicotylenchus* sp., at New York, N. Y., in soil with lily-of-the-valley pips in cargo from Germany and in soil with unidentified plants in baggage from Ireland; *Meloidiophora* sp., probably *incognita* (Kofoid & White) Chitwood at Galveston, Tex., in celery in stores from Jamaica, and in carrots in stores from the Azores at Philadelphia, Pa., in beets in stores from Australia, and in soil with potatoes in stores from the Netherlands; *Rotylenchus* sp., at New York, N. Y., in soil with potatoes in stores from Uruguay, in soil with lily-of-the-valley pips in cargo from Germany, and in soil with peony roots in baggage from Poland; *Rotylenchus* sp., at Mobile, Ala., in soil with coleus plants in quarters from Guatemala and in soil with *Aster* sp. in baggage from Germany; *Rotylenchus* sp., at San Francisco, Calif., in roots of *Conularia majalis* in mail from France; *Tylenchorhynchus* sp., at Nogales, Ariz., in soil with cactus plants in baggage from Mexico; *Tylenchorhynchus* sp., at Mobile, Ala., in soil on an unidentified plant and on sweetpotato plants in baggage by air from Puerto Rico; *Tylenchus* sp., at New York, N. Y., in soil with lily-of-the-valley pips in cargo from Germany; *Tylenchus* sp., at Washington, D. C., in soil with roots of lily bulbs in mail from England; *Tylenchus* sp., at Mobile, Ala., in soil with *Aster* sp., in baggage from Germany; *Xiphinema* sp., at New York, N. Y., in soil with coleus plants in baggage from Argentina; one interception which could not be identified beyond family (Tylenchidae) was taken at New York, N. Y., in soil with cactus plants in baggage from Italy.

A total of 1,259 incompletely determined pathogens were recorded during the year.

Graphic summary of interceptions listed in main table and interception totals

Country	Insect	Disease	Country	Insect	Disease
Africa:	<i>Number</i>	<i>Number</i>	Europe—Continued		
Africa (locality unknown).....	1	1	Turkey.....	1	
Algeria.....	10	0	Wales.....	0	
British West Africa.....	1	0	Yugoslavia.....	5	
Canary Islands.....	3	0	North America:		
Egypt.....	11	0	Bermuda.....	20	
Ethiopia.....	2	0	Canada.....	5	
French West Africa (?).....	1	0	Canal Zone.....	51	
Gold Coast.....	10	0	Central America:		
Liberia.....	1	0	British Honduras.....	3	
Morocco.....	4	0	Colombia.....	14	
Nigeria.....	2	2	Costa Rica.....	27	
Union of South Africa.....	32	17	Guatemala.....	30	
Asia:			Honduras.....	11	
China.....	8	321	Nicaragua.....	8	
Cyprus.....	3	1	Panama.....	45	
Formosa.....	1	0	Salvador.....	17	
India.....	27	35	Iceland.....	0	
Indonesia.....	1	1	Mexico.....	716	
Iraq.....	1	1	West Indies:		
Israel.....	17	2	Antigua.....	2	
Japan.....	88	184	Aruba.....	2	
Korea.....	3	0	Bahamas.....	4	
Lebanon.....	8	0	Barbados.....	8	
Palestine.....	4	0	British West Indies.....	2	
Siam.....	4	3	Cuba.....	72	
Straits Settlements.....	0	3	Curaco.....	2	
Syria.....	3	1	Dominican Republic.....	13	
Australasia:			Grand Cayman.....	1	
American Samoa.....	1	0	Grenada *.....	1	
Australia.....	20	13	Haiti.....	9	
Caroline Islands.....	1	0	Jamaica.....	31	
Ceylon.....	2	2	Montserrat.....	1	
Fiji Islands.....	1	2	Nevis.....	1	
Guam.....	11	10	Puerto Rico.....	57	
Hawaii.....	202	16	St. Kitts.....	3	
Kwajalein.....	0	2	St. Lucia.....	2	
Marshall Islands.....	0	11	St. Vincent.....	2	
New Zealand.....	0	4	Trinidad.....	28	
Philippines.....	22	8	Virgin Islands.....	6	
Saipan.....	1	0	South America:		
Tahiti.....	1	1	Argentina.....	1	
Yap Island.....	0	1	Bolivia.....	0	
Europe:			Brazil.....	27	
Austria.....	3	7	Chile.....	7	
Azores.....	9	3	Ecuador.....	15	
Belgium.....	8	23	Paraguay.....	0	
Crete.....	1	0	Peru.....	4	
Czechoslovakia.....	0	1	South America.....	3	
Denmark.....	6	8	Uruguay.....	0	
England.....	45	88	Venezuela.....	32	
Finland.....	0	1	Total:		
France.....	35	10	Africa.....	78	
Germany.....	37	24	Asia.....	168	
Gibraltar (?).....	1	0	Australasia.....	262	
Great Britain.....	1	0	Europe.....	814	
Greece.....	16	0	North America.....	1,194	
Ireland.....	3	23	South America.....	89	
Isle of Man.....	0	2	Unknown.....	9	
Italy.....	477	59	Total.....	2,614	1,511
Luxembourg.....	0	1	Total incompletely deter-		
Malta.....	1	0	mined pests.....	2,294	1,225
Netherlands.....	75	139	Total insect interceptions.....	4,908	2,777
Norway.....	2	7	Total disease intercep-		
Poland.....	2	1	tions.....		2,777
Portugal.....	29	3	Grand total.....		7,688
Scotland.....	8	67			
Spain.....	31	5			
Sweden.....	10	13			
Switzerland.....	8	8			

NOTE.—In addition to the countries named above, interceptions were made from American Virgin Islands, Anguilla, Belgian Congo, British Guiana, Burma, Canary Islands, Cape of Good Hope, Cape Verde Islands, French Cameroons, Iran, Jordan, Kenya, Labrador, Leeward Islands, Madeira Islands, Martinique, Mozambique, Natal, Netherlands Guiana, Netherlands West Indies, Newfoundland, Northern Ireland, Nova Scotia, Okinawa, Pakistan, Pretoria, Rhodesia, Sierra Leone, Society Islands, Trust Isles of Pacific, Tunisia, and Truk Island.

List of pests (insects) collected and reported from July 1, 1950, to June 30, 1951,
inclusive

[An asterisk indicates State inspection]

Insect and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
<i>Alypta parrula</i> (Fall.) (Tingidae): Loss packing around rhododendron scions	England	1			Wash.
<i>Anthoderes circumflexa</i> Jq. Dav. (Cerambycidae): <i>Gybiatar donnell-smithii</i> (primavera)	Honduras	1			N. Y.
<i>Anthoscelides armitagei</i> (Pic) (Bruchidae): <i>Cajanus cajan</i> (pigeonpea)	British West Indies, Canal Zone, Puerto Rico.	4			N. J., N. Y.
<i>Anthoscelides griseolus</i> (Fall) (Bruchidae): <i>Chynchosia</i> sp.	Mexico			1	D. C.
<i>Anthoscelides obvelatus</i> Bridw. (Bruchidae): <i>Phaseolus vulgaris</i>	Guatemala			1	D. C.
<i>Ria tulipae</i> (Keif.) (Eriophyidae): <i>Allium sativum</i> (garlic)	Chile, Mexico	3	1		Tex.
<i>Latina fulica</i> Fer. (Mollusca): In cargo hold	Guam	1			Calif.*
Returned military equipment	Guam, Philippines, Saipan.	8			Calif.*
Crab iron	Guam	2			Calif.,* Oreg.
<i>Alepiea assectella</i> (Zell.) (Hyponomeutidae): <i>Allium porrum</i> (leek)	Italy, Netherlands		5		N. Y.
<i>Oleucus vicinalis</i> Dist. (Lygaeidae): Rchid.	Mexico			1	Tex.
<i>Xorophyes orana</i> (F. R.) (Tortricidae): <i>Yringa</i> sp. (lilac)	Netherlands	20			N. Y.
<i>Ullia venosa</i> (Fall.) (Cicadellidae): <i>Hypericum repens</i> (creeping St. Johnswort)	Switzerland			1	N. J.
<i>Enactesis indecora</i> Dyar (Galleriidae): <i>Cassia fistula</i> (golden-shower)	Brazil	1			N. Y.
<i>Diotes lineatus</i> L. (Elateridae): Oil from potato bin	Denmark		1		Pa.
<i>Aphagus myersi</i> Essig (Aphidae): <i>Loe</i> sp.	Ethiopia			1	D. C.
<i>Aurocanthus woglumi</i> Ashby (Aleyrodidae): <i>Citrus aurantifolia</i> (sour lime)	Mexico	8			Tex.
<i>Citrus reticulata</i> (Mandarin orange)	do.	3			Tex.
<i>Citrus sinensis</i> (orange)	Mexico, Peru	2	1		Calif.,* Tex.
<i>Citrus</i> sp.	Mexico	3			Tex.
<i>Ribiscus</i> sp.	do.			1	Ariz.
<i>Aurodicus dugessi</i> Kell. (Aleyrodidae): <i>Egonia</i> sp.	do.			1	Tex.
<i>Auroglandulus emmae</i> Russell (Aleyrodidae): <i>Cattleya citrina</i> (orchid)	do.			1	Tex.
<i>Sidium guajava</i> (guava)	do.	1			Tex.
<i>Auroparadoxus gardeniae</i> Russell (Aleyrodidae): <i>Citrus</i> sp.	do.	1			Tex.
<i>Aurolobus marlatti</i> (Q.) (Aleyrodidae): <i>Citrus reticulata</i> (Mandarin orange)	Japan		1		Calif.*
<i>Auroplatys coccolus</i> Q. (Aleyrodidae): <i>Citrus</i> sp.	Mexico	1			Tex.
<i>Auroplatys plumosus</i> (Q.) (Aleyrodidae): <i>Ez</i> sp. (holly)	do.	1			Tex.
<i>Aurothrixus floccosus</i> (Mask.) (Aleyrodidae): <i>Citrus sinensis</i> (orange)	Dominican Republic	1			N. Y.
<i>Citrus</i> sp.	Bahamas	1			Fla.*
<i>Guajacum officinale</i> (lignum vitae)	Jamaica			1	P. R.
<i>Sidium guajava</i> (guava)	Mexico	1			Tex.
<i>Aurotuberculatus jasmini</i> Takah. (Aleyrodidae): <i>Ardania</i> sp.	China			1	Calif.*
<i>Aurotuberculatus similis</i> Takah. (Aleyrodidae): <i>Amellia japonica</i> (camellia)	Japan			1	N. J.
<i>Amitus cinctus</i> (L.) (Tenthredinidae): <i>Malus sylvestris</i> (apple)	England, Germany, Norway	3			Calif.,* N. Y.
<i>Rosa</i> sp. (rose)	England, Germany	1		1	N. Y.
<i>Aphis conspirata</i> Hein. (Galleriidae): <i>Ananas comosus</i> (pineapple)	Mexico	5			Calif.,* La., Tex.

List of pests (insects) collected and reported from July 1, 1950, to June 30, 1951, inclusive—Continued

[An asterisk indicates State inspection]

Insect and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
<i>Amitermes wheeleri</i> (Desn.) (Termitidae):					
<i>Salvia officinalis purpurascens</i> (purple sage)-----	Mexico-----	1			Tex.
<i>Anaphothrips obscurus</i> (Muller) (Thripidae):					
<i>Brassica</i> sp-----	Ireland-----	1			N. Y.
<i>Anastrepha fraterculus</i> (Wied.) (Tephritidae):					
<i>Citrus sinensis</i> (orange)-----	Argentina-----		1		La.
<i>Prunus persica</i> (peach)-----	Mexico-----	1			Tex.
<i>Anastrepha ludens</i> (Loew) (Tephritidae):					
<i>Citrus aurantifolia</i> (sweet lime)-----	do-----	4			Tex.
<i>Citrus paradisi</i> (grapefruit)-----	Guatemala, Mexico-----	3	1		Fla.,* Tex.
<i>Citrus sinensis</i> (orange)-----	Costa Rica, Guatemala, Mexico, Salvador-----	68	14		Ariz., La, S. C., T
<i>Cydonia oblonga</i> (quince)-----	Mexico-----	1			Tex.
<i>Mangifera indica</i> (mango)-----	do-----	23	4		Calif.,* Tex.
<i>Persea americana</i> (avocado)-----	do-----	1			Tex.
<i>Prunus persica</i> (peach)-----	do-----	1			Tex.
<i>Psidium guajava</i> (guava)-----	Nicaragua-----	1			Calif.*
<i>Punica granatum</i> (pomegranate)-----	Mexico-----	1			Tex.
<i>Pyrus communis</i> (pear)-----	do-----	7			Tex.
Sapote-----	do-----	1			Tex.
<i>Anastrepha mombinpraeoptans</i> Sein (Tephritidae):					
<i>Mangifera indica</i> (mango)-----	Canal Zone, Cuba, Dominican Republic, Guatemala, Haiti, Honduras, Jamaica, Mexico, Panama, Puerto Rico, Salvador, Trinidad-----	82	11	1	Ala., Calif. Fla.,* L. N. Y., P. R., S. C., Tex.
<i>Spondias mombin</i> (yellow mombin)-----	Guatemala, Mexico, Nicaragua, Panama, Salvador-----	8	1		Calif.,* La
<i>Spondias</i> sp-----	Puerto Rico, Salvador-----	2			N. Y., Tex.
<i>Anastrepha mombinpraeoptans</i> Sein (?) (Tephritidae):					
<i>Psidium guajava</i> (guava)-----	Honduras-----		1		La.
<i>Anastrepha serpentina</i> (Wied.) (Tephritidae):					
<i>Achras zapota</i> (sapodilla)-----	Guatemala, Nicaragua-----	3	1		Calif.,* La
<i>Chrysophyllum cainito</i> (star-apple)-----	Panama, Salvador-----	2			La.
<i>Mammea americana</i> (mamey)-----	Mexico-----	5			Tex.
Sapote-----	do-----	1			Calif.
<i>Anastrepha serpentina</i> (Wied.) (?) (Tephritidae):					
<i>Citrus sinensis</i> (orange)-----	Peru-----		1		La.
<i>Anastrepha striata</i> Schiner (Tephritidae):					
<i>Psidium guajava</i> (guava)-----	Salvador, Trinidad-----	2			La., P. R.
<i>Anastrepha suspensa</i> (Loew) (Tephritidae):					
<i>Psidium guajava</i> (guava)-----	Dominican Republic, Jamaica, Puerto Rico-----	25			N. Y., P. R.
<i>Ancyllostomia stercorea</i> (Zell.) (Phycitidae):					
<i>Cajanus cajan</i> (pigeonpea)-----	Bahamas, Puerto Rico, Trinidad-----	5			Fla.,* Md. N. Y., P. R.
<i>Cajanus</i> sp-----	Canal Zone-----	1			N. J.
<i>Cicer arietinum</i> (chickpea)-----	do-----	1			Fla.*
<i>Anthonomus pomorum</i> (L.) (Curculionidae):					
<i>Malus sylvestris</i> (apple)-----	Germany-----	1			N. Y.
<i>Anthonomus scutellaris</i> Lec. (Curculionidae):					
<i>Prunus</i> sp. (wild plum)-----	Mexico (?)-----	1			Tex.
<i>Anuraphis cynaræ</i> (Theob.) (?) (Aphidae):					
<i>Cynara scolymus</i> (globe artichoke)-----	Algeria-----		1		N. Y.
<i>Aonidiella inornata</i> McKenzie (Coccidae):					
<i>Cocos nucifera</i> (coconut)-----	Philippines-----		2		Calif.*
<i>Jasminum sambac</i> (Arabian jasmine)-----	Hawaii-----		1		Calif.*
<i>Aphis rhamni</i> Fonsc. (?) (Aphidae):					
<i>Ranunculus</i> sp-----	France-----		1		N. Y.
<i>Apion apricans</i> Hbst. (Curculionidae):					
<i>Ribes</i> sp-----	Germany-----			1	Calif.*
<i>Apion auctum</i> Sharp (?) (Curculionidae):					
Orchid-----	Guatemala-----			1	Tex.
<i>Apion carduorum</i> Kby. (Curculionidae):					
<i>Cynara cardunculus</i> (cardoon)-----	Italy-----		1		N. Y.
<i>Cynara scolymus</i> (globe artichoke)-----	France, Italy-----		2		N. Y., Pa.

list of pests (insects) collected and reported from July 1, 1950, to June 30, 1951, inclusive—Continued

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Insect and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
<i>on pomonae</i> F. (?) (Curculionidae):					
<i>icia sativa</i> (vetch)	France	1			Tex.
<i>ychomyrmex tristani</i> Menozzi (Formicidae):					
<i>hilodendron</i> sp.	Costa Rica			1	Tex.
<i>orthesia cataphracta</i> (Olaf.) (Coccidae):					
<i>alluna vulgaris</i> (heather)	England	1			Ill.
<i>e rosae</i> (L.) (Argidae):					
<i>osa</i> sp.	Germany	1			N. Y.
<i>groploce leucotreta</i> Meyr. (Olethreutidae):					
<i>trus limon</i> (lemon)	Union of South Africa		1		Tex.
<i>trus reticulata</i> (Mandarin orange)	do		1		Md.
<i>trus sinensis</i> (orange)	do		2		Md., Pa.
<i>idiotus abietus</i> (Schr.) (Coccidae):					
<i>trus sylvestris</i> (Scotch pine)	Germany			1	N. Y.
<i>idiotus corticis-pini</i> Ldgr. (Coccidae):					
<i>trus</i> sp. (pine)	Japan			1	Calif.*
<i>idiotus coryphae</i> Ckll. & Rob. (Coccidae):					
<i>ocos nucifera</i> (coconut)	Philippines		2		Calif.*
<i>idiotus destructor</i> Sign. (Coccidae):					
<i>ocos nucifera</i> (coconut)	Canal Zone, Costa Rica, Mexico, Nigeria, Panama, Philippines.	6	1		Calif.*
<i>arcinia mangostana</i> (mangosteen)	India	1			N. Y.
<i>fusa paradisiaca</i> (plantain)	Cuba	1			N. Y.
<i>fusa paradisiaca sapientum</i> (banana)	Panama	1			Calif.*
<i>rchid</i>	Canal Zone			1	Fla.
<i>ersea americana</i> (avocado)	Cuba	2			N. Y.
<i>idiotus excisus</i> Green (Coccidae):					
<i>ocos nucifera</i> (coconut)	Philippines	1			Calif.*
<i>idiotus herculeanus</i> (Ckll. & Hadd.) (Coccidae):					
<i>alm</i>	Mexico	1			Calif.*
<i>idiotus pseudomeyeri</i> Kuw. (Coccidae):					
<i>edrus</i> sp.	Japan			1	Calif.*
<i>idiotus pyri</i> Light. (Coccidae):					
<i>alus sylvestris</i> (apple)	Germany	1			Fla.
<i>roleanium bambusae</i> (Bdv.) (Coccidae):					
<i>amboo</i>	Barbados	1			P. R.
<i>roleanium epidendri</i> (Bouche) (Coccidae):					
<i>urlingtonia</i> sp. (orchid)	Trinidad			1	N. J.
<i>atleya dowiana</i> (orchid)	Costa Rica			1	Calif.*
<i>atleya tueddemanniana</i> (orchid)	Venezuela			1	N. J.
<i>atleya</i> sp.	British Honduras, Venezuela.			2	N. J., Tex.
<i>relia</i> spp. (orchid)	Mexico			1	Calif.*
<i>raf</i> —unidentified	do	1			Calif.*
<i>rchid</i>	Canal Zone, Costa Rica, Cuba, Jamaica, Panama, Venezuela.			10	Fla., Tex., Wash.
<i>anda</i> sp. (orchid)	Cuba			1	Calif.*
<i>roleanium miliaris miliaris</i> (Bdv.) (Coccidae):					
<i>amboo</i>	Barbados, Cuba	2		1	Mass., P. R., Tex.
<i>roleanium stentae</i> Brain (Coccidae):					
<i>nacampseros</i> sp.	Union of South Africa			1	Calif.*
<i>roleanium truncatum</i> Russell (Coccidae):					
<i>ttalea</i> sp. (palm)	Costa Rica			1	N. J.
<i>acaspis tubercularis</i> Newst. (Coccidae):					
<i>tangifera indica</i> (mango)	Barbados, Mexico, Venezuela.	4			N. Y., Tex.
<i>trychoplites cornutus</i> (Oliv.) (Bostrichidae):					
<i>haya</i> sp.	Union of South Africa	2			La.
<i>chycerus albidentatus</i> Gyll. (Curculionidae):					
<i>lium sativum</i> (garlic)	Italy	17	2		La., Mass., N. Y.
<i>chycerus algirus</i> (F.) (Curculionidae):					
<i>lium sativum</i>	Italy, Spain	12	2		N. Y., Tex.
<i>chyrrhinus ovatus</i> (L.) (Curculionidae):					
oil around rose bush	Poland			1	N. Y.

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Insect and host	Country of origin	Number of interceptions in—			Collection
		Consumption	Nonentry	Propagation	
<i>Brachyrhinus porcatus</i> (Hbst.) (Curculionidae): Soil and moss packing around <i>Quercus</i> sp.	Switzerland			1	N. J.
<i>Brachyrhinus rugosostriatus</i> (Goeze.) (Curculionidae): Soil and moss packing around <i>Quercus</i> sp.	do			2	N. J.
Soil around <i>Saxifraga</i> sp.	do			1	N. J.
<i>Brachyrhinus singularis</i> (L.) (Curculionidae): Woods moss packing around <i>Crataegus</i> spp.	Scotland			1	N. J.
<i>Brachyrhinus sulcatus</i> (F.) (Curculionidae): <i>Begonia</i> sp.	Belgium			1	N. J.
<i>Bruchus ervi</i> Froel. (Bruchidae): <i>Allium sativum</i> (garlic)	Italy	1			N. Y.
<i>Bruchus luteicornis</i> Ill. (Bruchidae): <i>Vicia angustifolia</i> (narrow leaf vetch)	France	1			Pa.
<i>Vicia sativa</i> (vetch)	France, Germany	2			Tex., V.
<i>Bruchus rufipes</i> Hbst. (Bruchidae): <i>Lens culinaris</i> (lentil)	Iraq			1	D. C.
<i>Bruchus signaticornis</i> Gyll. (Bruchidae): <i>Lens culinaris</i>	Italy	2			N. Y.
<i>Bruchus tristis</i> Boh. (Bruchidae): <i>Vicia</i> sp.	Belgium			1	N. J.
<i>Cacoeia pronubana</i> (Hbn.) (Tortricidae): <i>Chrysanthemum</i> sp.	England		1		N. Y.
<i>Dianthus</i> sp. (carnation)	France	1			N. Y.
<i>Fragaria</i> sp. (strawberry)	Italy			1	N. Y.
<i>Laurus nobilis</i> (Grecian laurel)	England		2		N. Y.
<i>Rosa</i> sp.	Italy			1	N. J.
<i>Callidium aeneum</i> Deg. (Cerambycidae): Wood crating	Denmark, Germany, Sweden	3			Calif.*
<i>Callosobruchus ademptus</i> (Sharp) (Bruchidae): <i>Pueraria thunbergiana</i> (kudzu-bean)	Korea			1	D. C.
<i>Callosobruchus phaseoli</i> (Gyll.) (Bruchidae): Bean	St. Vincent	1			Mass.
<i>Dolichos lablab</i> (hyacinth-bean)	Philippines			1	Wash.
<i>Capitophorus carduinus</i> (Wlk.) (Aphidae): <i>Cirsium</i> sp. (thistle)	Canada	1			Minn.
<i>Capitophorus formosanus</i> Takah. (Aphidae): <i>Chrysanthemum</i> sp.	Japan	1			Wash.
<i>Carbula trisignata</i> (Germar) (Pentatomidae): <i>Vitis</i> sp. (grape)	Union of South Africa	2			N. Y.
<i>Carposina sasakii</i> Mats. (Carposinidae): <i>Pyrus communis</i> (pear)	China	2			Alaska, Hawaii
<i>Caryedon fuscus</i> (Goeze) (Bruchidae): <i>Cassia javanica</i> (appleblossom senna)	Hawaii			1	D. C.
<i>Tamarindus indica</i> (tamarind)	Jamaica, Philippines	3			Calif., *
<i>Catolethrus ebeninus</i> Champ. (Curculionidae): <i>Tillandsia</i> sp.	Mexico			1	Tex.
<i>Ceratitis capitata</i> (Wied.) (Tephritidae): <i>Annona</i> sp.	Portugal	1			Mass.
<i>Citrus limon</i> (lemon)	Azores, Italy	5			Mass., N.
<i>Citrus paradisi</i> (grapefruit)	Cyprus, Egypt, Gibraltar (?), Israel, Palestine, Spain	12			Ala., M. Mass., Mich., N. Y., S. C., Md., N. Y., Pa., Va.
<i>Citrus reticulata</i> (Mandarin orange)	Algeria, Azores, Israel, Italy, Portugal, Spain	9	4		Md., N. Y., Pa., Va.
<i>Citrus sinensis</i> (orange)	Africa, Algeria, Azores, Cyprus, Greece, Israel, Italy, Lebanon, Malta, Palestine, Portugal, Spain, unknown	28	26		Mass., N. Y., Pa., Va.
<i>Coffea</i> sp. (coffee)	Hawaii	1			Calif.*
<i>Cydonia oblonga</i> (quince)	Italy	6			N. Y.
<i>Diospyros</i> sp. (persimmon)	do	3			N. Y.
<i>Ficus carica</i> (fig)	Greece, Italy, Lebanon	10	2		Mass., N. Y.
<i>Malus sylvestris</i> (apple)	Azores, Italy, Portugal	4			N. Y.

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		Consumption	Nonentry	Propagation	
<i>Catitis capitata</i> —Continued					
<i>puntia compressa</i> (pricklypear).....	Italy.....	11			Mass., N. Y.
<i>puntia</i> sp.....	do.....	2			Ill., N. Y.
<i>Persea americana</i> (avocado).....	Portugal.....	1			N. Y.
<i>Prunus armeniaca</i> (apricot).....	Greece, Lebanon, Portugal.....	2	3		Ill., Mass., N. Y.
<i>Prunus persica</i> (peach).....	Azores, France, Italy, Palestine, Portugal, Spain.....	11	4		Mass., N. Y.
<i>Prunus persica nectarina</i> (nectarine).....	Italy.....	1			N. Y.
<i>Psidium guajava</i> (guava).....	Israel.....	1			N. Y.
<i>Punica granatum</i> (pomegranate).....	Greece, Italy.....	2			N. Y.
<i>Pyrus communis</i> (pear).....	Italy, Portugal, Syria.....	7	2		Mass., N. Y.
<i>Vitis</i> sp. (grape).....	Italy.....	1			N. Y.
With oranges, grapes, and plums abandoned on pier.....	do.....	1			N. Y.
<i>Catitis capitata</i> (Wied.) (?) (Tephritidae):					
<i>Citrus sinensis</i> (orange).....	Unknown.....		1		N. Y.
<i>Prunus domestica</i> (plum).....	Italy.....	1			Mass.
<i>Coplastes ceriferus</i> (And.) (Coccidae):					
<i>Camellia japonica</i> (camellia).....	Japan.....		2		Hawaii, N. Y.
<i>Coplastes japonicus</i> Green (Coccidae):					
<i>Laurus nobilis</i> (Grecian laurel).....	France.....	1			N. Y.
<i>Coplastes rubens</i> Mask. (Coccidae):					
<i>Anthurium</i> sp.....	Hawaii.....			2	Calif.*
<i>Chaenomeles</i> sp. (flowering quince).....	Japan.....			1	Calif.*
<i>Crataegus</i> sp.....	do.....			1	Calif.*
<i>Eriopyros kaki</i> (kaki persimmon).....	do.....			1	Calif.*
<i>Gardenia augusta</i> (gardenia).....	Hawaii.....	1			Calif.*
<i>Grammatophyllum</i> sp. (orchid).....	Guam.....			1	Hawaii.
<i>Coplastes rusci</i> (L.) (Coccidae):					
<i>Ficus carica</i> (fig).....	Greece, Italy.....	3		2	Mich., N. Y.
<i>Cutorhynchus contractus</i> (Marsh) (Curculionidae):					
Woods moss packing around <i>Crataegus</i> spp.....	Scotland.....			1	N. J.
Woods moss packing around cut flowers.....	England.....	1			Ill.
<i>Cutorhynchus erysimi</i> (F.) (Curculionidae):					
Woods moss packing around cut flowers.....	do.....	1			Ill.
<i>Aetanaphothrips orchidii</i> (Mlt.) (Thripidae):					
<i>Citrus sinensis</i> (orange).....	Portugal.....		1		Mass.
<i>Calodermus dentiferus</i> Faust (Curculionidae):					
<i>Ananas comosus</i> (pineapple).....	Mexico.....	1			Tex.
<i>Calophana ferrida</i> Suffr. (Chrysomelidae):					
Straw packing.....	Cuba.....	1			Fla.*
<i>Chlo simplex</i> (Btlr.) (Crambidae):					
<i>Oryza sativa</i> (rice).....	Japan.....	5	1		Calif.,* N. Y., Oreg., Wash.
<i>"Chionaspis" indigoferae</i> Hall (Coccidae):					
<i>Ceropegia</i> sp.....	Union of South Africa.....			1	Calif.*
<i>Epiphetia pedunculata</i> (orchid).....	do.....			1	Calif.*
<i>"Chionaspis" stanotophri</i> Cooley (Coccidae):					
<i>Asparagus plumosus</i> (fern asparagus).....	Egypt.....	1			Mass.
<i>Crysomphalus agavis</i> (Townsend & Ckll.) (Coccidae):					
<i>Cucca</i> sp.....	Mexico.....	1			Tex.
<i>Crysomphalus diversicolor</i> Green (Coccidae):					
Orchid.....	Portugal.....			1	N. Y.
<i>Crysomphalus nigropunctatus</i> (Ckll.) (Coccidae):					
<i>Philodendron selloum</i>	Guatemala.....			1	P. R.
<i>Crysomphalus nulliporus</i> McKenzie (Coccidae):					
<i>Poliohyne remediosae</i> (orchid).....	Philippines.....			1	Hawaii.
<i>Dendrobium lyonii</i> (orchid).....	do.....			1	Calif.*
<i>Crysomphalus odontoglossi</i> (Ckll.) (Coccidae):					
Item—unknown.....	Jamaica.....			1	Hawaii.
<i>Crysomphalus paulistus</i> (Hempel) (Coccidae):					
<i>Laurus nobilis</i> (Grecian laurel).....	Brazil.....		1		N. Y.
<i>Laurus</i> sp.....	do.....		1		N. Y.

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<i>Chrysomphalus personatus</i> (Comst.) (Coccidae):					
<i>Citrus sinensis</i> (orange).....	Brazil, Mexico, Trinidad	1	2		Calif.,
<i>Cocos nucifera</i> (coconut).....	Mexico	1			Calif.*
<i>Laurus nobilis</i> (Grecian laurel).....	Brazil		1		N. Y.
Leaf—unknown.....	Mexico		2		Tex.
<i>Mangifera indica</i> (mango).....	do	1			Tex.
<i>Chrysomphalus ritchiei</i> (Green & Laing) (Coccidae):					
<i>Calocarpum sapota</i> (sapote).....	Canal Zone		1		Calif.*
<i>Chrysomphalus sphaeroides</i> (Ckll.) (Coccidae):					
Palm.....	Mexico	1			Tex.
<i>Philodendron</i> sp.....	do			1	Tex.
<i>Chrysomphalus tenax</i> (McKenzie) (Coccidae):					
<i>Cattleya</i> spp. (orchid).....	Guatemala			1	Calif.*
<i>Epidendrum stamfordianum</i> (orchid).....	Honduras			1	N. J.
<i>Epidendrum</i> sp.....	Cuba			1	Calif.*
Orchid.....	do			1	Calif.*
<i>Philodendron lacerum</i>	Guatemala			1	N. J.
<i>Philodendron</i> sp.....	Mexico			1	Tex.
<i>Schomburgkia tibicinis</i> (orchid).....	Cuba			1	Calif.*
<i>Chrysomphalus tingi</i> (McKenzie) (Coccidae):					
<i>Cocos nucifera</i> (coconut).....	Mexico, Philippines	2			Calif.*
<i>Chrysomphalus umboniferus</i> (Newst.) (Coccidae):					
<i>Anthurium</i> sp.....	Guatemala			1	Fla.
<i>Cattleya</i> sp. (orchid).....	Costa Rica			1	Tex.
<i>Musa paradisiaca sapientum</i> (banana).....	Panama	1			Calif.*
Orchid.....	Canal Zone, Guatemala, Mexico, St. Lucia.			4	Fla., Tex.
<i>Cleogonus armatus</i> Champ. (Curculionidae):					
Orchid.....	Canal Zone			1	Tex.
<i>Clerada apicornis</i> Sign. (Lygaeidae):					
Orchid.....	Mexico			1	Tex.
<i>Cnephasia virgaureana</i> (Treits.) (Tortricidae):					
<i>Chrysanthemum maximum</i>	England			1	N. J.
<i>Coccidella americana</i> (Hambl.) (Coccidae):					
<i>Isoloma</i> sp.....	South America			1	N. J.
<i>Coccotrypes dactyliperda</i> (F.) (Scolytidae):					
<i>Phoenix rupicola</i> (cliff date palm).....	India			1	N. J.
Seed—unidentified.....	Hawaii			1	Calif.*
<i>Coccus viridis</i> (Green) (Coccidae):					
<i>Coffea</i> sp. (coffee).....	Cuba	1			Fla.*
<i>Ficus pandurata</i> (fiddleleaf fig).....	Puerto Rico			1	Calif.*
<i>Gardenia augusta</i> (gardenia).....	Cuba, Guatemala, Hawaii, Venezuela.	32	2	1	Calif., Fla., N. Y.
<i>Ixora macrothyrsa</i> (Malay ixora).....	Panama	1			N. Y.
<i>Coeliodes rubicundus</i> Hbst. (Curculionidae):					
<i>Rhododendron</i> sp.....	England			1	Wash.
<i>Conchaspis angraeci</i> Ckll. (Coccidae):					
<i>Epidendrum</i> sp. (orchid).....	Mexico			1	Tex.
<i>Hibiscus</i> sp.....	Bermuda	2			N. Y.
<i>Oncidium ampliatum</i> (orchid).....	Canal Zone			1	Tex.
Orchid.....	Canal Zone, Cuba, Mexico.			4	Fla., N. Y., Tex.
<i>Conotrachelus aguacatae</i> Barber (Curculionidae):					
<i>Persea americana</i> (avocado).....	Mexico	154			Tex.
<i>Conotrachelus perseae</i> Barber (Curculionidae):					
<i>Persea americana</i> (avocado).....	do	3			Tex.
<i>Cordylomera spinicornis</i> (F.) (Cerambycidae):					
<i>Khaya</i> sp.....	Nigeria	1			Pa.
Log.....	Gold Coast	2			Va.
<i>Cosmopolites sordidus</i> (Germ.) (Curculionidae):					
<i>Musa paradisiaca sapientum</i> (banana).....	Nicaragua	1			Fla.*
<i>Cryptoblabes gnidiella</i> (Mill.) (Phycitidae):					
Branch—unknown.....	Bermuda	1			Va.
<i>Citrus limon</i> (lemon).....	Italy	1	1		N. Y.,
<i>Citrus sinensis</i> (orange).....	Italy, Spain	1	1		N. Y.,
Cycadaceae.....	Bermuda	1			N. Y.
<i>Malus sylvestris</i> (apple).....	Portugal		1		Mass.
Plant—unknown.....	Egypt			1	N. J.

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<i>Leptoblabes gnidiella</i> —Continued.					
<i>Punica granatum</i> (pomegranate).....	Greece, Italy, Lebanon, Palestine.	11	---	---	Mass., N. Y.
<i>Vitis</i> sp. (grape).....	Italy, Spain.....	1	1	---	N. Y., P. R.
<i>Leptorhynchus mangiferae</i> F. (Curculionidae):					
<i>Mangifera indica</i> (mango).....	Hawaii, India.....	18	7	2	Calif.,* N. Y.
<i>Curculio elephas</i> (Gyll.) (Curculionidae):					
<i>Castanea</i> sp. (chestnut).....	Azores, France, Italy, Portugal, Spain, Turkey, Yugoslavia.	101	1	1	D. C., Ill., Mass., N. Y., Pa.
<i>Curculio nucum</i> L. (Curculionidae):					
<i>Corylus avellana</i> (filbert).....	Germany, Italy.....	3	---	---	Mass., N. Y.
<i>Las femoralis</i> Faust (Curculionidae):					
<i>Pomoea batatas</i> (sweetpotato).....	Liberia.....	1	---	---	Va.
<i>Las formicarius elegantulus</i> (Summers) (Curculionidae):					
<i>Pomoea batatas</i> (sweetpotato).....	Cuba, Haiti, Jamaica, Mexico, Puerto Rico, Virgin Islands.	25	5	---	Fla.,* La., N. Y., P. R., S. C., Tex.
<i>Scutellaria varians</i> (Dist.) (Miridae):					
<i>Antirrhinum majus</i> (snapdragon).....	Bermuda.....	1	---	---	N. Y.
<i>Cucurbitae</i> (Coq.) (Tephritidae):					
<i>Cucumis sativus</i> (cucumber).....	Hawaii.....	1	1	---	Calif.*
<i>Lycopersicon esculentum</i> (tomato).....	do.....	---	8	---	Ala., Calif.,* Oreg.
<i>Cucurbitae</i> (Coq.) (?) (Tephritidae):					
<i>Cucumis sativus</i> (cucumber).....	do.....	---	1	---	Wash.
<i>Cucumis dorsalis</i> Hend. (Tephritidae):					
<i>Cucumis sativus</i> (cucumber).....	do.....	1	---	---	Calif.*
<i>Lycopersicon esculentum</i> (tomato).....	do.....	---	2	---	Calif.*
<i>Mangifera indica</i> (mango).....	do.....	3	---	---	Calif.*
<i>Musa paradisiaca sapientum</i> (banana).....	do.....	1	4	---	Calif.*
<i>Persea americana</i> (avocado).....	do.....	1	---	---	Calif.*
<i>Cucumis dorsalis</i> Hend. (?) (Tephritidae):					
<i>Mangifera indica</i> (mango).....	Fiji Islands.....	---	1	---	Hawaii.
<i>Musa paradisiaca sapientum</i> (banana).....	Hawaii.....	1	---	---	Calif.*
<i>Ochrosia elliptica</i>	do.....	1	---	---	Calif.*
<i>Cucumis oleae</i> (Gmel.) (Tephritidae):					
<i>Olea europaea</i> (olive).....	Crete, Greece, Italy, Lebanon, Syria.	45	2	---	Ill., La., Mass., N. Y., Tex
<i>Cucumis oleae</i> (Gmel.) (?) (Tephritidae):					
<i>Olea europaea</i> (olive).....	Algeria.....	---	1	---	Tex.
<i>Androctonus mexicanus</i> Hopk. (Scolytidae):					
<i>Pinus montezumae</i> (Montezuma pine).....	Mexico.....	---	1	---	Calif.*
<i>Pinus pseudostrobus</i>	do.....	---	1	---	Calif.*
<i>Roceras reticulatum</i> (Muller) (Mollusca):					
<i>Apium graveolens</i> (celery).....	Bermuda.....	---	1	---	N. Y.
<i>Brassica oleracea capitata</i> (cabbage).....	Italy.....	---	1	---	Tex.
<i>Cattleya</i> sp. (orchid).....	Venezuela.....	---	1	---	Fla.
<i>Chrysanthemum</i> sp.....	England.....	---	1	---	N. Y.
Plant—unknown.....	Italy.....	1	---	---	N. Y.
<i>Aleyrododes chittendeni</i> Laing (Aleyrodidae):					
<i>Rhododendron</i> sp.....	Netherlands.....	---	1	---	N. J.
<i>Aleyrododes citri</i> (Ashm.) (Aleyrodidae):					
<i>Citrus</i> sp.....	Mexico.....	2	---	---	Tex.
<i>Gardenia augusta</i> (gardenia).....	Hawaii, Mexico.....	2	---	---	Calif.,* Tex.
<i>Aleyrododes citrifolii</i> (Morg.) (Aleyrodidae):					
<i>Citrus</i> sp.....	Bahamas.....	1	---	---	Fla.*
<i>Gardenia augusta</i> (gardenia).....	Costa Rica.....	---	1	---	Fla.
<i>Aleyrododes kirkaldyi</i> (Kot.) (Aleyrodidae):					
<i>Gardenia</i> sp.....	China.....	---	1	---	Calif.*
<i>Jasminum sambac</i> (Arabian jasmine).....	Hawaii, Philippines.....	---	2	---	Calif.*
<i>Atractodes busckella</i> Dyar & Hein. (Crambidae):					
<i>Saccharum officinarum</i> (sugarcane).....	Venezuela.....	1	---	---	N. Y.
<i>Cyphus annulatus</i> (Wolff) (Miridae):					
<i>Lactuca sativa</i> (lettuce).....	Sweden.....	---	1	---	N. Y.

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<i>Dinoderus bifoveolatus</i> (Woll.) (Bostrichidae):					
<i>Derris</i> sp.	Brazil	1			N. Y.
<i>Lonchocarpus</i> sp.	do	1			N. Y.
Palm mats	Gold Coast		1		Tex.
<i>Phoenix dactylifera</i> (date)	China	1			N. Y.
<i>Dinoderus brevis</i> (Horn) (Bostrichidae):					
Bamboo	India, Japan	2			Va.
<i>Diorymerellus laevimargo</i> Champ. (Curculionidae):					
Orchid	Mexico			7	Tex.
<i>Draeculacephala lenticula</i> Ball (Cicadellidae):					
<i>Copaifera hemitomophylla</i> ("cativo")	Costa Rica	2			S. C.
<i>Draeculacephala minerva</i> Ball (Cicadellidae):					
<i>Lactuca sativa</i> (lettuce)	Mexico	1			Ariz.
<i>Drymus assimilis</i> Horvath (Lygaeidae):					
Moss packing around rhododendron scions	England			1	Wash.
<i>Dryocoetes autographus</i> (Ratz.) (Scolytidae):					
<i>Pinus</i> sp. (pine)	Germany	1			N. Y.
<i>Dryocoetes septentrionis</i> (Mann.) (Scolytidae):					
<i>Pinus</i> sp. (pine)	Canada		1		Tex.
<i>Dryophthorus pusillus</i> Sharp (Curculionidae):					
Fern log	Hawaii	1			Wash.
<i>Dysdercus mimulus</i> Hussey (Pyrrhocoridae):					
<i>Gardenia augusta</i> (gardenia)	Mexico	1			Tex.
<i>Lycopersicon esculentum</i> (tomato)	do	1			Tex.
Palm	do	1			Tex.
<i>Dyspessa ulula</i> (Bkh.) (Cossidae):					
<i>Allium sativum</i> (garlic)	Italy	7			N. Y.
<i>Epicaerus cognatus</i> Sharp (Curculionidae):					
<i>Solanum tuberosum</i> (potato)	Mexico	2	2		Tex.
<i>Epidiaspis piricola</i> (del Guer.) (Coccidae):					
<i>Malus sylvestris</i> (apple)	France		1		N. Y.
<i>Prunus domestica</i> (plum)	Yugoslavia			1	D. C.
<i>Prunus persica nectarina</i> (nectarine)	Chile	1			N. Y.
<i>Epinotia opposita</i> Hein. (Olethreutidae):					
<i>Phaseolus vulgaris</i> var. (string bean)	Mexico, Peru	18	2		La., Tex.
<i>Epinotia tessulata</i> (Stgr.) (Olethreutidae):					
<i>Cupressus lusitanica</i> (Portuguese cypress)	Portugal	1			N. Y.
<i>Ereunetis flavistriata</i> Wlsm. (Tineidae):					
<i>Cocos nucifera</i> (coconut)	Hawaii	1			Hawaii.
<i>Ethmia festiva</i> Busck (Ethmiidae):					
Cabin of airplane	Mexico		1		Tex.
<i>Eucalymnatus tessellatus</i> (Sign.) (Coccidae):					
<i>Gardenia augusta</i> (gardenia)	do	1			Tex.
<i>Euethiola bidentata</i> (Burm.) (Scarabaeidae):					
<i>Ananas comosus</i> (pineapple)	do	1			Tex.
<i>Euphilippia olivina</i> Berl. & Silv. (Coccidae):					
<i>Olea europaea</i> (olive)	Italy	1			Mass.
<i>Euphyllura olivina</i> (Costa) (Psyllidae):					
<i>Olea europaea</i> (olive)	do	1			N. Y.
<i>Eurythmia santiagella</i> Dyar (Phycitidae):					
<i>Ananas comosus</i> (pineapple)	Cuba	1			N. Y.
<i>Eurytoma orchidearum</i> (Westw.) (Eurytomidae):					
<i>Cattleya</i> sp. (orchid)	Brazil, Colombia, Trinidad, Venezuela		14		Fla., N. J.
Orchid	Colombia, Venezuela			7	Fla.
<i>Eusepes postfasciatus</i> (Fairm.) (Curculionidae):					
<i>Ipomoea batatas</i> (sweetpotato)	Brazil, Hawaii, Trinidad, Virgin Islands	2	6		Ala., Ga., La., Md., N. Y., P. R.
<i>Everes comyntas</i> (Godart) (Lycaenidae):					
<i>Phaseolus vulgaris</i> var. (string bean)	Mexico	4			Tex.
<i>Ebergestis forficalis</i> (L.) (Pyraustidae):					
<i>Brassica oleracea acephala</i> (kale)	Ireland			1	N. Y.
<i>Brassica oleracea botrytis</i> (cauliflower)	Netherlands		1		N. Y.
<i>Brassica oleracea capitata</i> (cabbage)	France		1		N. Y.
<i>Ebergestis rimosalis</i> (Gn.) (Pyraustidae):					
<i>Rorippa nasturtium aquaticum</i> (watercress)	Mexico	1			Tex.

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Insect and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
<i>Chthamalus laetus</i> (Oliv.) (Curculionidae):					
<i>diolus</i> sp.	Haiti	1			P. R.
<i>Chthamalus roseipes</i> (Chev.) (Curculionidae):					
<i>rus</i> sp.	Puerto Rico	1			N. Y.
<i>Opoma lusitanica</i> L. (Chrysomelidae):					
<i>uscari comosum</i> (cipollino)	Morocco	3			Pa.
<i>Leptochiamera albomaculata</i> (Dist.) (Lygaeidae):					
<i>acia farnesiana</i> (hulsache)	Mexico	1			Tex.
<i>anas comosus</i> (pineapple)	do	2			Tex.
<i>rium oleander</i> (oleander)	do	1			Tex.
<i>chid</i>	Colombia			1	Fla.
<i>arsea americana</i> (avocado)	Mexico	2			Tex.
<i>Esiana virgata</i> (Ckll.) (Coccidae):					
<i>cos nucifera</i> (coconut)	do	1			Calif.*
<i>eloniz regia</i> (royal poinciana)	do			1	Calif.*
<i>ardenia augusta</i> (gardenia)	Guatemala		1		Fla.*
ant—unknown	Guam			1	Calif.*
<i>Pyia oleae</i> (Costa) (Coccidae):					
<i>ea europaea</i> (olive)	Italy	2			N. Y.
<i>Finia nephetii</i> Mask. (Coccidae):					
<i>elicocca bijuga</i> (mamonechillo)	Cuba	1			N. Y.
<i>Thliniella cubensis</i> Hood (Thripidae):					
<i>gophyllum</i> sp.	Bermuda	1			N. Y.
<i>riandrum sativum</i> (coriander)	Puerto Rico	1			N. Y.
<i>anthemum nervosum</i>	Bermuda	1			N. Y.
<i>biscus</i> sp.	do	1			N. Y.
<i>ium</i> sp.	do	1			N. Y.
<i>ssiflora</i> sp (passionflower)	do		1		N. Y.
<i>della pellucens</i> (Zell.) (Phycitidae):					
<i>aseolus vulgaris</i> var. (string bean)	Cuba		1		Fla.*
<i>raspis biformis</i> (Ckll.) (Coccidae):					
<i>ttleya trianae</i> (orchid)	Hawaii			1	Calif.*
<i>ttleya</i> sp.	Hawaii, South America, Venezuela			7	Calif.,* N. J.
<i>pidendrum atropurpureum</i> (orchid)	Canal Zone			2	N. J., Tex.
<i>pidendrum</i> sp.	Canal Zone, Cuba, Honduras			3	Calif.,* N. J.
<i>acidium ampliatus</i> (orchid)	Ceylon			1	N. J.
<i>acidium carthaginense</i>	Canal Zone			1	N. J.
<i>acidium</i> sp.	Ceylon, Dominican Republic, Guatemala			3	Calif.,* Fla., N. J.
<i>chid</i>	Canal Zone, Colombia, Cuba, Hawaii, Mexico, Panama, Trinidad, Venezuela			26	Calif.,* Fla., N. Y., P. R., Tex.
<i>rchis</i> sp. (orchid)	Canal Zone			1	N. J.
<i>alm</i>	Mexico	3			Tex.
<i>anda</i> sp. (orchid)	Hawaii			2	Calif.*
<i>Gnaphia patricia</i> Stal (Tingidae):					
<i>yrtillocactus geometrizans</i> (cactus)	Mexico			1	Tex.
<i>Gchia ericetella</i> (Hbn.) (Gelechiidae):					
<i>alluna vulgaris</i> (heather)	England, Scotland	3			Ill., N. Y.
<i>Gopaschia protomis</i> Dyar (?) (Galleriidae):					
<i>inanas comosus</i> (pineapple)	Grenada, Montserrat	1	1		Mass., N. Y.
<i>Guchinus v-notatus</i> Westw. (Scarabaeidae):					
<i>rchid</i>	Mexico			1	Tex.
<i>Gstaekeria mutillaria</i> (Gerst.) (Curculionidae):					
<i>actus</i>	do			1	Tex.
<i>lammillaria applanata</i> (cactus)	do			1	Tex.
<i>Grimoschema gudmannella</i> (Wlsm.) (Gelechiidae):					
<i>apsicum frutescens</i> (pepper)	do	5			Ariz.
<i>apsicum frutescens grossum</i> (bell pepper)	do	5			Ariz.
<i>Gtyna flavago</i> (Hbn.) (Phalaenidae):					
<i>ahlia</i> sp.	Norway			1	N. Y.
<i>orghum vulgare technicum</i> (broomecorn)	Italy (?)	1			Fla.*
uber—unknown	Greece			1	N. Y.

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<i>Gracilaria azaleella</i> Brants (Gracilariidae):					
<i>Rhododendron japonicum</i> (Japanese azalea).....	Netherlands.....			4	N. J.
<i>Rhododendron</i> sp.....	Belgium, England, Japan, Netherlands.....			8	N. J., Wa
<i>Grapholitha molesta</i> (Busck) (Olethreutidae):					
<i>Prunus persica</i> (peach).....	Japan.....	1			Alaska.
<i>Pyrus communis</i> (pear).....	do.....	1			Wash.
<i>Grapholitha packardii</i> Zell. (Olethreutidae):					
<i>Cydonia oblonga</i> (quince).....	Mexico.....	1			Tex.
<i>Gymnandrosoma aurantianum</i> DaCosta Lima (Olethreutidae):					
<i>Citrus sinensis</i> (orange).....	Brazil.....		1		Pa.
<i>Gynaikothrips ficorum</i> (Marchal) (Phlaeothripidae):					
<i>Ficus</i> sp.....	Cuba.....	1			Fla.*
<i>Haplothrips bagnalli</i> Priesn. (Phlaeothripidae):					
<i>Ornithogalum thyrsoides</i> (chinkerichee).....	Union of South Africa.....	2			N. Y., Pa
<i>Haplothrips gowdeyi</i> (Frankl.) (Phlaeothripidae):					
<i>Antirrhinum majus</i> (snapdragon).....	Haiti.....	1			P. R.
<i>Calotropis gigantea</i> (akund calotrope).....	Hawaii.....	2			Calif.*
<i>Canavalia</i> sp.....	do.....	1			Calif.*
<i>Daucus carota</i> (Queen-Annes-lace).....	Haiti.....	1			P. R.
<i>Dianthus</i> sp.....	Hawaii.....	1			Calif.*
Flowers—unknown.....	Haiti.....	1			P. R.
<i>Helichrysum bracteatum</i> (strawflower).....	Cuba.....	1			Fla.*
<i>Lathyrus odoratus</i> (sweet pea).....	Unknown.....		1		Tex.
<i>Mesembryanthemum</i> sp.....	Hawaii.....	1			Calif.*
<i>Tagetes florida</i> (marigold).....	India.....		1		N. Y.
<i>Haplothrips gowdeyi</i> (Frankl.) (?) (Phlaeothripidae):					
<i>Begonia nitida</i>	Bermuda.....	1			N. Y.
<i>Hemileuca oliviae</i> Ckll. (Saturniidae):					
<i>Cactus</i>	Mexico.....			1	Ariz.
<i>Hemimene juliana</i> (Curt.) (Olethreutidae):					
<i>Castanea</i> sp. (chestnut).....	Italy.....	1			N. Y.
<i>Heterobostrychus aequalis</i> (Waterh.) (Bostrichidae):					
Herb.....	Cuba.....	1			Tex.
<i>Heterobostrychus brunneus</i> (Murray) (Bostrichidae):					
<i>Khaya</i> sp.....	Union of South Africa.....	2			La.
<i>Triplochiton scleroxylon</i>	Gold Coast.....	5			La.
<i>Heterosylla texana</i> Crawl. (Psyllidae):					
<i>Cryptostegia</i> sp.....	Mexico.....	1			Ariz.
<i>Homotoma ficus</i> (L.) (Psyllidae):					
<i>Ficus carica</i> (fig).....	Italy.....	1			Mass
<i>Hoplosternus japonicus</i> Har. (Scarabaeidae):					
Cabin of airplane.....	Japan (?).....		1		Alaska.
<i>Hyadaphis apii</i> Hall (Aphidae):					
<i>Apium graveolens</i> (celery).....	Algeria.....		1		Tex.
<i>Hylurgops palliatus</i> (Gyll.) (Scolytidae):					
<i>Picea</i> sp. (spruce).....	Sweden.....	1			N. Y.
<i>Pinus</i> sp. (pine).....	Germany.....	1			La.
Wooden crate.....	do.....	1			La.
<i>Hypera nigritrostris</i> F. (Curculionidae):					
<i>Heuchers</i> sp. (alumroot).....	Poland.....			1	N. Y.
Soil around plants.....	England.....			1	N. J.
Woods moss.....	Belgium.....			1	N. J.
<i>Hypera plantaginis</i> (Deg.) (?) (Curculionidae):					
Moss packing around rhododendrons.....	England.....			1	Wash.
<i>Hypera postica</i> (Gyll.) (Curculionidae):					
<i>Trifolium repens</i> var. (shamrock).....	Ireland.....	1			N. Y.
Woods moss around <i>Ribes</i> sp. plants.....	Denmark.....			1	N. J.
<i>Icerya aegyptiaca</i> (Dougl.) (Coccidae):					
<i>Grevillea</i> sp.....	American Samoa.....			1	Calif.*
<i>Ips acuminatus</i> (Gyll.) (Scolytidae):					
Bark on dunnage lumber.....	Sweden.....			1	Ala.
<i>Idiomeryx humilis</i> Mayr (Formicidae):					
<i>Cynara scolymus</i> (globe artichoke).....	Italy.....	1			N. Y.
<i>Ficus carica</i> (fig).....	do.....	1			N. Y.
<i>Nerium oleander</i> (oleander).....	Bermuda.....	1			N. Y.

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<i>Iridomyrmex iniquus</i> Mayr (Formicidae):					
<i>Cattleya</i> sp. (orchid).....	Venezuela.....			1	N. J.
<i>Philodendron</i> sp.....	Colombia.....			1	Fla.
<i>Iridomyrmex itoi abbotti</i> Whlr. (Formicidae):					
<i>Prunus cerasus</i> (sour cherry).....	Japan.....			1	Calif.*
<i>Lampetia equestris</i> (F.) (Syrphidae):					
<i>Leucojum vernum</i> (spring snowflake).....	Netherlands.....			1	N. Y.
<i>Narcissus</i> sp.....	Germany, Italy, Netherlands, Scotland.....	1		28	Calif.,* Ill., La., Mass., Minn., N.J., N.Y., Pa., Tex.
<i>Ornithogalum thyrsoides</i> (chinkerichee).....	Union of South Africa.....			1	Calif.*
<i>Lampides boeticus</i> (L.) (Lycaenidae):					
<i>Cajanus cajan</i> (pigeonpea).....	Hawaii.....	1	1		Calif.,* Mass.
<i>Canavalia</i> sp.....	do.....	21	1		Calif.*
<i>Lampides boeticus</i> (L.) (?) (Lycaenidae):					
<i>Phaseolus vulgaris</i> var. (string bean).....	Canary Islands.....			3	La.
<i>Laphygma exempta</i> (Wlk.) (Phalaenidae):					
Airplane.....	Japan, Wake (?).....			2	Hawaii.
<i>Laspeyresia juliana</i> (Hbn.) (Olethreutidae):					
<i>Castanea</i> sp. (chestnut).....	Italy.....	1			N. Y.
<i>Laspeyresia nigricana</i> (Stph.) (Olethreutidae):					
<i>Pisum sativum</i> (pea).....	Portugal.....			1	Ala.
<i>Laspeyresia splendana</i> (Hbn.) (Olethreutidae):					
<i>Castanea</i> sp. (chestnut).....	Azores, England, France, Italy, Portugal, Spain, Yugoslavia.....	81	2		Fla.,* Mass., N. Y., Pa.
<i>Laspeyresia strobilella</i> (L.) (Olethreutidae):					
<i>Abies</i> sp. (fir).....	Germany.....			2	N. Y.
<i>Picea</i> sp. (spruce).....	do.....	2			N. Y.
<i>Lecanodiaspis dendrobii</i> (Dougl.) (Coccidae):					
Orchid.....	Guatemala, Mexico.....			2	Tex.
<i>Lecanium coryli</i> (L.) (Coccidae):					
<i>Prunus armeniaca</i> (apricot).....	Greece.....			1	D. C.
<i>Tilia chinensis</i>	Denmark.....			1	N. J.
<i>Leperisinus fraxini</i> (Panz.) (Scolytidae):					
<i>Ulmus</i> sp. (?).....	England.....	1			Calif.*
<i>Lepidosaphes carinata</i> (Ckll.) (Coccidae):					
<i>Philodendron</i> sp.....	Mexico.....			1	Fla.
<i>Lepidosaphes celtis</i> Kuw. (Coccidae):					
Plant—unknown.....	Japan.....			1	Calif.*
<i>Lepidosaphes conchiformis</i> (Gmel.) (Coccidae):					
<i>Diospyros kaki</i> (kaki persimmon).....	do.....			1	D. C.
<i>Malus sylvestris</i> (apple).....	Korea.....	1			Wash.
<i>Lepidosaphes ficus</i> Sign. (Coccidae):					
<i>Ficus carica</i> (fig).....	Italy, Morocco.....	1		2	D. C., N. Y.
<i>Ficus pandurata</i> (fiddleleaf fig).....	Puerto Rico.....			1	Calif.*
<i>Ficus</i> sp.....	Italy.....			1	Calif.*
<i>Lepidosaphes kuwacola</i> Kuw. (Coccidae):					
<i>Paonia suffruticosa</i> (tree peony).....	Japan.....			1	Calif.*
<i>Lepidosaphes mcgregori</i> Banks (Coccidae):					
<i>Cocos nucifera</i> (coconut).....	India.....	1			Calif.*
Palm.....	Philippines.....			1	Fla.
<i>Lepidosaphes pallida</i> (Green) (Coccidae):					
<i>Cupressus</i> sp. (cyprus).....	Japan.....			2	Calif.*
<i>Juniperus</i> sp.....	do.....			2	Calif.*
<i>Thuja</i> sp.....	do.....			1	Calif.*
<i>Lepidosaphes philococcus</i> (Ckll.) (Coccidae):					
<i>Lemaireocereus pruinosus</i> (cactus).....	Mexico.....			1	Calif.*
<i>Myrtillocactus geometrizans</i> (cactus).....	do.....			1	Ariz.
<i>Lepidosaphes tokionis</i> (Kuw.) (Coccidae):					
<i>Codiaeum variegatum</i> (croton).....	Canal Zone, Hawaii.....	2		16	Calif.,*Tex.
<i>Lepidosaphes tuberculata</i> Malen. (Coccidae):					
<i>Coelogyne corymbosa</i> (orchid).....	India.....			1	N. J.
<i>Cymbidium grandiflorum</i> (orchid).....	do.....			1	N. J.
<i>Cymbidium tracyanum</i>	do.....			1	N. J.

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<i>Lepidosaphes tuberculata</i> —Continued.					
<i>Cymbidium</i> sp.-----	Australia, Belgium, England, India.			22	Calif.,* Hawaii, N. J.
<i>Leptoglossus chilensis</i> Spinola (Coreidae):					
<i>Vitis</i> sp. (grape)-----	Chile	2			N. Y.
<i>Leptophobia aripa</i> (Bdv.) (Pieridae):					
<i>Brassica oleracea botrytis</i> (cauliflower)-----	Mexico		1		N. Y.
<i>Leucaspis candida</i> (Targ.) (Coccidae):					
<i>Casuarina</i> sp. (Australian pine)-----	Greece	1			Ill.
<i>Leucaspis cockerelli</i> (de Charmoy) (Coccidae):					
<i>Citrus aurantifolia</i> (sour lime)-----	Canal Zone, Colombia, Costa Rica.	1	5		Calif.*
<i>Citrus aurantium</i> (sour orange) (?)-----	Canal Zone	1			Calif.*
<i>Citrus limon</i> (lemon)-----	Panama		1		Calif.*
<i>Citrus paradisi</i> (grapefruit)-----	Jamaica, Panama		2		Calif.*
<i>Citrus reticulata</i> (Mandarin orange)-----	Salvador	1			Calif.*
<i>Citrus sinensis</i> (orange)-----	Canal Zone, Jamaica, Panama.		6		Calif.*
<i>Citrus</i> sp.-----	Salvador	1			Calif.*
<i>Leucaspis loewi</i> (Colvee) (Coccidae):					
<i>Casuarina</i> sp. (Australian pine)-----	Greece	1			Ill.
<i>Pinus sylvestris</i> (Scotch pine)-----	Germany	1		1	N. J., N. Y.
<i>Pinus</i> sp.-----	Austria, Germany, Netherlands.	3			Mass., N. Y.
<i>Lichtensia lutea</i> Ckll. (Coccidae):					
<i>Carica papaya</i> (papaya)-----	Mexico	1			Ariz.
<i>Ligyrocoris aurivilliana</i> (Dist.) (Lygaeidae):					
<i>Celosia cristata</i> (cockscorn)-----	do	1			Tex.
<i>Liliocercis lilii</i> (Scop.) (Chrysomelidae):					
<i>Lilium candidum</i> (Madonna lily)-----	France			1	N. Y.
<i>Lilium</i> sp.-----	do			1	N. Y.
<i>Lineaspis striata</i> (Newst.) (Coccidae):					
<i>Cedrus libani</i> (cedar-of-Lebanon)-----	Israel	1			N. Y.
<i>Lineodes integra</i> (Zell.) (Pyraustidae):					
<i>Lycopersicon esculentum</i> (tomato)-----	Mexico	2			Tex.
<i>Liosomaphis berberidis</i> (Kltb.) (Aphidae):					
<i>Berberis gagnepaini</i> (black barberry)-----	Netherlands			1	N. J.
<i>Liriomyza congesta</i> (Beck.) (Agromyzidae):					
<i>Lathyrus odoratus</i> (sweet pea)-----	Bermuda	1			Mass.
<i>Lirius junci</i> Boh. (Curculionidae):					
<i>Beta vulgaris</i> (beet)-----	Egypt		1		Md.
<i>Lochmaea capreae</i> (L.) (Chrysomelidae):					
<i>Calluna vulgaris</i> (heather)-----	Scotland	1			N. Y.
<i>Loxostege similalis</i> (Guen.) (Pyraustidae):					
<i>Daucus carota</i> (carrot)-----	Mexico	1			Tex.
<i>Lygaeus circulinitus</i> Dist. (Lygaeidae):					
Orchid.-----	do			1	Tex.
<i>Lygaeus circumplicatus</i> Dist. (Lygaeidae):					
Orchid.-----	do			2	Tex.
<i>Lygus campestris</i> (L.) (Miridae):					
<i>Cornus alba</i> (tatarian dogwood)-----	Netherlands			1	N. J.
<i>Lygus lucorum</i> (Meyer-Dür) (Miridae):					
<i>Brassica chinensis</i> (Chinese cabbage)-----	England		1		N. Y.
<i>Malocampa punctata</i> (Cram.) (Notodontidae):					
Orchid.-----	Mexico			1	Ariz.
<i>Mamestra brassicae</i> (L.) (Phalaenidae):					
<i>Brassica oleracea botrytis</i> (cauliflower)-----	England, France, Netherlands.		4		N. Y., Tex.
<i>Brassica oleracea capitata</i> (cabbage)-----	France, Italy		4		N. Y.
<i>Daucus carota</i> (carrot)-----	England, France		2		N. Y.
<i>Maruca testulalis</i> (Geyer) (Pyraustidae):					
Airplane-----	Japan			1	Alaska.
<i>Cajanus cajan</i> (pigeonpea)-----	Hawaii, Puerto Rico.	3			Fla., Hawaii, N. Y.
<i>Canavalia</i> sp.-----	Hawaii	15			Calif.*
<i>Phaseolus lunatus macrocarpus</i> (lima bean)-----	Cuba	2			N. Y.
<i>Phaseolus vulgaris</i> var. (string bean)-----	Brazil, Hawaii, Puerto Rico, Trinidad.	5	3		Ala., Calif., La., Md., N. Y., P. R.

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<i>Asonaphis rhododendri</i> (Wils.) (Aphidae):					
<i>Rhododendron</i> sp.	Netherlands			1	N. J.
<i>Egatometis chiliensis</i> Boh. (Curculionidae):					
<i>Vitis</i> sp. (grape)	Chile	1			N. Y.
<i>Egalopyge krugii</i> (Dewitz) (Megalopygidae):					
Herb	Curacao	1			N. Y.
<i>Agastigmus pistaciae</i> Wlk. (Torymidae):					
<i>Pistacia</i> sp. (pistache)	Italy	1			N. Y.
<i>Ertilla malayensis</i> Dist. (Miridae):					
<i>Grammatophyllum speciosum</i> (orchid)	Philippines			1	Hawaii.
<i>Etamiasus sericeus</i> (Oliv.) (Curculionidae):					
<i>Musa paradisiaca sapientum</i> (banana)	Costa Rica, Ecuador, Honduras, Panama, Puerto Rico.	46			Calif.* La., N. Y., Pa., S. C.
<i>Etamiasus sericeus carbonarius</i> (Cher.) (Curculionidae):					
<i>Musa paradisiaca sapientum</i> (banana)	Guatemala	1			La.
<i>Etopotylax ditomoides</i> (Costa) (Lygaeidae):					
Bark	Portugal	1			Va.
<i>Acrapate labialis</i> Lesne (Bostrichidae):					
Bamboo	Mexico	1			Ariz.
<i>Microleone longipalpis</i> Butl. (Limacodidae):					
<i>Alnus</i> sp. (alder)	Japan			1	Wash.
<i>Microplax plagiatus</i> (Fieber) (Lygaeidae):					
Bark	Portugal	1			Va.
<i>Imosestes dominicana</i> (Jek.) (Bruchidae):					
<i>Caesalpinia</i> sp.	Haiti	1			Md.
<i>Conanthis echii</i> (Schränk) (Tingidae):					
<i>Malus sylvestris</i> (apple)	Syria	1			N. Y.
<i>Conellia costalis</i> (Fitch) (Aphidae):					
<i>Juglans</i> sp. (walnut)	Mexico	1			Tex.
<i>Conomorium destructor</i> (Jerd.) (Formicidae):					
<i>Brassica oleracea capitata</i> (cabbage)	Jamaica		1		S. C.
<i>Dioscorea</i> sp. (yam)	St. Kitts	1			Mass.
Soil around camellia plants	Japan		1		Tex.
<i>Tamarindus indica</i> (tamarind)	Indonesia		1		Tex.
<i>Vanda caerulea</i> (orchid)	India, Siam			2	Calif.,* N. J.
<i>Foodna bisinuella</i> Hamp. (Phycitidae):					
<i>Zea mays</i> (corn)	Mexico	1			Tex.
<i>Mordellistena cattleyana</i> Champ. (Mordellidae):					
<i>Cattleya</i> sp. (orchid)	Colombia			1	Fla.
Orchid	do			1	Fla.
<i>Organelia longispina</i> (Morg.) (Coccidae):					
<i>Citrus limon</i> (lemon)	Union of South Africa		1		Calif.*
<i>Mammia americana</i> (mamey)	Guatemala		1		Calif.*
<i>Nerium oleander</i> (oleander)	Bermuda			1	N. Y.
<i>Formidea collaris</i> Dallas (Pentatomidae):					
Orchid	Mexico			1	Tex.
<i>Egelosia ceratoniae</i> Zell. (Phycitidae):					
<i>Punica granatum</i> (pomegranate)	Italy	2			N. Y.
<i>Tamarindus indica</i> (tamarind)	Jamaica	1			Fla.*
<i>Formica laevinodis</i> Nyl. (Formicidae):					
<i>Chrysanthemum maximum</i> (shasta daisy)	England			1	N. J.
<i>Eyzocallis caryaeifoliae</i> (Davis) (Aphidae):					
<i>Juglans</i> sp. (walnut)	Mexico	1			Tex.
<i>Asutitermes fulviceps</i> (Silvestri) (Termitidae):					
Log	Brazil	1			N. Y.
<i>Asutitermes luzonicus</i> (Oshima) (Termitidae):					
Truck bed	Philippines	1			Calif.*
<i>Aupactus xanthographus</i> (Germ.) (Curculionidae):					
Packing around melons	Chile	1			N. Y.
<i>Ematus bergmanni</i> Dahlb. (Tenthredinidae):					
<i>Rhododendron</i> sp.	Netherlands			1	N. J.
<i>Emotois violellus</i> Zell. (?) (Adelidae):					
<i>Gentiana</i> sp.	Austria	1			N. Y.
<i>Ecodytus cacicus</i> Chev. (Cerambycidae):					
<i>Guajacum officinale</i> (lignumvitae)	Guatemala	1			Calif.*
<i>Teoleucinodes elegantalis</i> (Guen.) (Pyraustidae):					
<i>Lycopersicon esculentum</i> (tomato)	Mexico	66			Tex.

List of pests (insects) collected and reported from July 1, 1950, to June 30, 1951 inclusive—Continued

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Insect and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
<i>Newsteadia floccosa</i> (Deg.) (Coccidae):					
<i>Rhododendron</i> sp.-----	England-----			1	Wash.
<i>Nilotaspis halli</i> (Green) (Coccidae):					
<i>Prunus armeniaca</i> (apricot)-----	Greece-----			1	D. C.
<i>Noropsis hieroglyphica</i> (Cram.) (Phalaenidae):					
<i>Ananas comosus</i> (pineapple)-----	Mexico-----	2			Tex.
<i>Notochilus damryi</i> Puton (Lygaeidae):					
<i>Ilex</i> sp. (holly)-----	Italy-----			1	N. Y.
<i>Nysius terrestris</i> Usinger (Lygaeidae):					
Orchid-----	Hawaii-----	1			Calif.*
<i>Oligotrophus betulae</i> (Winn.) (Itonididae):					
<i>Betula</i> sp. (birch)-----	England-----			1	Wash.
<i>Orobitis cyaneus</i> (L.) (Curculionidae):					
Moss packing around rhododendron plants-----	do-----			1	Wash.
<i>Orthezia praelonga</i> Dougl. (Coccidae):					
<i>Bougainvillea</i> sp.-----	Virgin Islands-----			1	D. C.
<i>Gardenia augusta</i> (gardenia)-----	Trinidad-----	1			N. Y.
<i>Ortheziola signoreti</i> (Haller) (Coccidae):					
Moss packing-----	England-----			2	Wash.
<i>Orthochaetes setiger</i> (Beck.) (Curculionidae):					
Moss packing around rhododendron cuttings-----	do-----			1	Wash.
<i>Orthodes melanops</i> Dyar (Phalaenidae):					
Bromeliad-----	Mexico-----			1	Tex.
<i>Orthotylus ericetorum</i> (Fall.) (Miridae):					
<i>Calluna vulgaris</i> (heather)-----	Scotland-----	1			Pa.
<i>Oxythyrea funsta</i> (Poda) (Scarabaeidae):					
With roses, lilies, and daisies-----	France (?)-----	1			Mass.
<i>Ozophora consanguinea</i> (Dist.) (Lygaeidae):					
Airplane-----	Mexico-----			1	Tex.
<i>Pachyzancla bipunctalis</i> (F.) (Pyraustidae):					
<i>Beta vulgaris</i> (beet)-----	do-----	1			Tex.
<i>Brassica oleracea capitata</i> (cabbage)-----	Haiti-----			1	P. R.
<i>Pachyzancla periusalis</i> (Wlk.) (Pyraustidae):					
Leaf—unknown-----	Puerto Rico-----	1			N. Y.
<i>Palaeopus costicollis</i> Mshll. (Curculionidae):					
<i>Pomoea batatas</i> (sweetpotato)-----	Jamaica, Trinidad-----			2	Ala., Md.
<i>Zingiber officinale</i> (ginger)-----	British West Indies, Jamaica-----	2			N. Y.
<i>Pantomorus godmani</i> (Crotch) (Curculionidae):					
<i>Acacia australis</i> -----	Australia-----			1	Calif.*
Daisy-----	Mexico-----	1			Tex.
<i>Paraleyrodes goyabae</i> (Goeld.) (Aleyrodidae):					
<i>Guajacum officinale</i> (lignumvitae)-----	Jamaica-----			1	P. R.
<i>Paratuto taraktogeni</i> Rao (Coccidae):					
<i>Curcuma</i> sp.-----	India-----			1	N. J.
<i>Hedychium</i> sp. (gingerlily)-----	do-----			1	N. J.
<i>Parlatoria camelliae</i> Comst. (Coccidae):					
<i>Camellia japonica</i> (camellia)-----	Italy, Japan-----			1	5 Calif.,* Fla.
<i>Camellia sasanqua</i> (sasanqua tea)-----	Japan-----			3	N. J., Tex
<i>Camellia</i> sp.-----	China, Japan-----			8	Calif.*
<i>Parlatoria cinerea</i> Hadden (Coccidae):					
<i>Citrus aurantifolia</i> (sour lime)-----	Mexico, Tahiti-----			3	Calif.*
<i>Citrus limon</i> (lemon)-----	Brazil-----			1	Calif.*
<i>Citrus paradisi</i> (grapefruit)-----	Brazil, Israel-----			3	Calif.*
<i>Citrus sinensis</i> (orange)-----	Brazil, Curacao (?), Trinidad-----			4	Calif.,* Fla.*
<i>Jasminum sambac</i> (Arabian jasmine)-----	Mexico-----			1	Calif.*
<i>Parlatoria crotonis</i> Dougl. (Coccidae):					
<i>Codiaeum variegatum</i> (croton)-----	Hawaii-----	1		5	Calif.*
<i>Parlatoria oleae</i> (Colvee) (Coccidae):					
<i>Diospyros</i> sp. (persimmon)-----	Italy-----	1			N. Y.
<i>Malus sylvestris</i> (apple)-----	do-----	1			N. Y.
<i>Olea europaea</i> (olive)-----	Greece, Italy-----	2		1	D. C., Mass.
<i>Olea</i> sp.-----	Switzerland (?)-----			1	N. Y.
<i>Prunus armeniaca</i> (apricot)-----	Egypt, Greece-----			2	Calif.*
<i>Prunus domestica</i> (plum)-----	Italy-----	1			D. C.
<i>Rosa</i> sp.-----	do-----			1	N. Y.

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<i>Parlatoria pseudaspidiotus</i> Ldgr. (Coccidae):					
<i>Cattleya</i> sp. (orchid)-----	Formosa-----			1	Calif.*
<i>Cypripedium callosum</i> (orchid)-----	Siam-----			1	Calif.*
<i>Cypripedium philippinense</i> -----	do-----			1	Calif.*
Orchid-----	Canal Zone, Hawaii, Siam-----			3	Calif.,* Fla. Fla.*
<i>Parlatoria zizyphus</i> (Lucas) (Coccidae):					
<i>Citrus aurantifolia</i> (sour lime)-----	Australia (?)-----		1		Calif.*
<i>Citrus limon</i> (lemon)-----	Italy-----		3		Calif.*
<i>Citrus paradisi</i> (grapefruit)-----	French West Africa (?)-----		1		Mass.
<i>Citrus reticulata</i> (Mandarin orange)-----	China-----	1			Calif.*
<i>Citrus sinensis</i> (orange)-----	Algeria, Aruba, Spain-----		7		Calif.,* Fla.,* Mass., Pa. Tex.
Herb-----	France-----	1			Pa.
<i>Parmena batteus</i> (L.) (Cerambycidae):					
<i>Allium sativum</i> (garlic)-----	Italy-----	1			N. Y.
<i>Parthenothrips dracaena</i> (Heeger) (Thripidae):					
<i>Anthurium</i> sp-----	Hawaii-----			1	Wash.
<i>Pectinophora gossypiella</i> (Saund.) (Gelechiidae):					
<i>Gossypium</i> sp. (cotton; boll)-----	Bahamas, British West Africa, Hawaii, Italy, Mexico-----	10			Calif.,* Fla., N. Y., Tex.
<i>Gossypium</i> sp. (cottonseed)-----	Brazil, Egypt, India, Korea, Mexico, Puerto Rico-----	17	3	1	Md., N. J., N. Y., Pa. P. R., Tex. Va., Wash. Mich., Tex.
<i>Gossypium</i> sp. (seed cotton)-----	Mexico, unknown-----	24	1		La., N. Y., P. R.
<i>Hibiscus esculentus</i> (okra)-----	Brazil, Egypt, Puerto Rico, Trinidad-----	4	2		
<i>Phalonia zephyrana</i> (Treit.) (Phalonidae):					
<i>Daucus carota</i> (carrot)-----	France-----		1		Md.
<i>Pheidole megacephala</i> (F.) (Formicidae):					
<i>Ananas comosus</i> (pineapple)-----	Cuba-----	1			N. Y.
<i>Phenacaspis sandwicensis</i> Fullaway (Coccidae):					
<i>Cocos nucifera</i> (coconut)-----	Hawaii-----	7			Calif.*
<i>Mangifera indica</i> (mango)-----	do-----	2			Calif.*
<i>Strelitzia reginae</i> (bird-of-paradise-flower)-----	do-----	1		1	Calif.*
<i>Strelitzia</i> sp-----	do-----	2			Calif.*
<i>Phloeotribus scarabaeoides</i> (Bern.) (Scolytidae):					
<i>Olea europaea</i> (olive)-----	Italy-----	1			N. Y.
<i>Phlyctinus callosus</i> Boh. (Curculionidae):					
<i>Vitis</i> sp. (grape)-----	Union of South Africa-----	13			N. Y.
<i>Phytomyza atricornis</i> (Mg.) (Agromyzidae):					
<i>Chrysanthemum</i> sp-----	England-----	1	2		N. Y.
<i>Phytomyza rufipes</i> (Mg.) (Agromyzidae):					
<i>Brassica oleracea botrytis</i> (cauliflower)-----	Netherlands-----		1		N. Y.
<i>Pieris brassicae</i> (L.) (Pieridae):					
<i>Allium porrum</i> (leek)-----	France-----		1		N. Y.
<i>Brassica oleracea capitata</i> (cabbage)-----	Italy-----		2		N. Y.
<i>Pinnaspis buxi</i> (Bouche) (Coccidae):					
<i>Maranta</i> sp-----	Canal Zone-----			1	N. J.
<i>Monstera deliciosa</i> (ceriman)-----	Hawaii-----	1			Calif.*
Palm-----	Nicaragua-----			1	Calif.*
<i>Philodendron</i> sp-----	Hawaii-----	2		2	Calif.*
<i>Scindapsus aureus</i> (Solomon Island ivy-arum)-----	do-----			1	Calif.*
<i>Pityogenes bidentatus</i> (Hbst.) (Scolytidae):					
<i>Pinus</i> sp. (pine)-----	Netherlands-----	1			Ala.
Wood-----	Denmark, Sweden-----	2			Calif.*
<i>Pityogenes chalcographus</i> (L.) (Scolytidae):					
<i>Picea</i> sp. (spruce)-----	Sweden-----	1			N. Y.
<i>Pinus</i> sp. (pine)-----	Germany, Sweden-----	1	1		Ill., Tex.
Wood-----	Germany-----	1			La.
<i>Platynota rostrana</i> (Wlk.) (Tortricidae):					
<i>Ananas comosus</i> (pineapple)-----	Mexico-----	1			Tex.
<i>Capsicum frutescens</i> (pepper)-----	do-----	1			Tex.
<i>Euphorbia</i> sp-----	Cuba-----			1	Fla.

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<i>Platypus rugulosus</i> Chap. (Platypodidae):					
Airplane	Nicaragua		1		Tex.
<i>Copaifera hemitomophylla</i>	Costa Rica	4			S. C.
" <i>Poliaspis</i> " <i>pini</i> Mask. (Coccidae):					
<i>Juniperus</i> sp.	Japan			2	Calif.*
<i>Pinus</i> sp. (pine)	do			1	Wash.
<i>Pollinia pollonii</i> (Costa) (Coccidae):					
<i>Olea europaea</i> (olive)	Italy	1			N. Y.
<i>Polychrosis botrana</i> (Schiff.) (Olethreutidae):					
<i>Vitis</i> sp. (grape)	Greece, Italy	4			Mass., N. Y.
<i>Polychrosis botrana</i> (Schiff.) (?) (Olethreutidae):					
<i>Vitis</i> sp. (grape)	Israel	2			N. Y.
<i>Praeblissus albofasciatus</i> Barber (Lygaeidae):					
Orchid	Mexico			2	Tex.
<i>Prays oleellus</i> (F.) (Hyponomeutidae):					
<i>Olea europaea</i> (olive)	Italy	5			Mass., N. Y.
<i>Prodenia eridania</i> (Cram.) (Phalaenidae):					
<i>Lilium</i> sp. (lily)	Bermuda	1			N. Y.
<i>Protopulvinaria longivalvata</i> (Green) (Coccidae):					
<i>Gardenia augusta</i> (gardenia)	Trinidad, Venezuela	2			N. Y., P. I.
Seed—unknown	Canal Zone			1	Fla.
<i>rotopulvinaria pyrifomis</i> (Ckll.) (Coccidae):					
<i>P. Gardenia augusta</i> (gardenia)	Guatemala, Trinidad	1	1	1	Fla.,* La., N. Y.
Leaf—unknown	Bermuda	1			N. Y.
<i>Pseudococcia trilobitiformis</i> (Green) (Coccidae):					
<i>Citrus sinensis</i> (orange)	South America	1			P. R.
<i>Mangifera indica</i> (mango)	Philippines		1		Calif.*
<i>Pseudischnaspis alienus</i> (Newst.) (Coccidae):					
<i>Brassavola</i> sp. (orchid)	Mexico			1	Tex.
<i>Cattleya</i> sp. (orchid)	British Honduras			1	Tex.
Orchid	British Honduras, Canal Zone, Costa Rica, Mexico, Venezuela			6	Fla., N. J., Tex.
Palm	Mexico	1			Calif.*
<i>Pseudococcus boninsis</i> (Kuw.) (Coccidae):					
<i>Saccharum officinarum</i> (sugarcane)	Cuba	1			Fla.*
<i>Pseudococcus giffardi</i> (Ehrh.) (Coccidae):					
<i>Pandanus odoratissimus</i>	Hawaii	1			Calif.*
<i>Pseudococcus gahani</i> (Green) (Coccidae):					
<i>Prunus domestica</i> (plum)	Chile	1			N. Y.
<i>Pseudococcus palmarum</i> (Ehrh.) (Coccidae):					
<i>Cocos nucifera</i> (coconut)	Hawaii, Philippines	6	1		Calif.*
<i>Pseudodiaspis yuccae</i> (Ckll.) (Coccidae):					
<i>Agave</i> sp.	Mexico			1	N. J.
Cactus	do			1	N. J.
<i>Psylla buxi</i> (L.) (Psyllidae):					
<i>Buxus sempervirens</i> (box)	Netherlands			2	N. J.
<i>Buxus</i> sp.	do			2	N. J.
<i>Pteleobius vittatus</i> (F.) (Scolytidae):					
<i>Ulmus</i> sp. (elm)	England	1			Md.
<i>Ptinus villiger</i> (Reit.) (Ptinidae):					
<i>Tagetes</i> sp. (marigold)	Mexico	1			Ariz.
<i>Pulvinaria psidii</i> Mask. (Coccidae):					
<i>Alpinia purpurata</i>	Hawaii	4			Calif.*
<i>Anthurium</i> sp.	do	2			Calif.*
<i>Arctotis stoechadiifolia</i> (African daisy)	Bermuda			2	N. Y.
<i>Cordylone terminalis</i> (dracena)	Hawaii	1			Calif.*
<i>Ficus</i> sp.	Cuba		1		Fla.*
Plant—unknown	Philippines			1	Calif.*
<i>Puto lasiorum</i> (Ckll.) (Coccidae):					
Cactus	Mexico			1	Tex.
<i>Puto mexicanus</i> (Ckll.) (Coccidae):					
Orchid	do			1	Tex.
<i>Puto ulter</i> Ferris (Coccidae):					
<i>Brassia verrucosa</i> (orchid)	Guatemala			1	N. J.
<i>Epidendrum atropurpureum</i> (orchid)	do			1	N. J.
<i>Oncidium splendidum</i> (orchid)	do			1	N. J.

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<i>Puto ulter</i> —Continued.					
<i>Oncidium</i> sp.	Guatemala			2	Fla.
Orchid.	do.			3	Fla.
<i>Pyrausta nubilalis</i> (Hbn.) (Pyraustidae):					
<i>Arctium lappa</i> (burdock)	Japan		1		Oreg.
<i>Capsicum frutescens</i> (pepper)	Italy	1	1		N. Y.
<i>Cucurbita maxima</i> (squash)	do.		1		N. Y.
<i>Sorghum vulgare technicum</i> (broomcorn)	do.	12	2		Calif.,* La., Md., Mass., Minn., Tex.
<i>Zea mays</i> (corn)	do.	1		1	N. Y.
<i>Renocis mexicanus</i> Blkm. (Scolytidae):					
Wood	Mexico	1			Ill.
<i>Reticulitermes speratus</i> (Kolbe) (Rhinotermitidae):					
<i>Paonia suffruticosa</i> (tree peony)	Japan			1	Calif.*
<i>Rhagoletis cerasi</i> (L.) (Tephritidae):					
<i>Prunus</i> sp. (cherry)	Austria, England, France, Germany, Italy, Portugal, Spain, Sweden.	17	11		Mass., N. Y.
<i>Rhagoletis completa</i> Cr. (Tephritidae):					
<i>Juglans</i> sp. (walnut)	Mexico	1			Tex.
<i>Rhagoletis juglans</i> Cress. (Tephritidae):					
<i>Juglans nigra</i> (black walnut)	do.	1			Tex.
<i>Rhagoletis pomonella</i> (Walsh) (Tephritidae):					
<i>Malus sylvestris</i> (apple)	Canada, Mexico, Union of South Africa.	9	2		N. Y., Tex.
<i>Rhagoletis pomonella</i> (Walsh) (?) (Tephritidae):					
<i>Malus sylvestris</i>	Unknown		1		N. Y.
<i>Rhinochenus stigma</i> (L.) (Curculionidae):					
<i>Vicia faba</i> (broadbean)	Trinidad		1		Tex.
<i>Rhopalosiphum subterraneum</i> Mason (Aphidae):					
<i>Capsicum frutescens grossum</i> (bell pepper)	Mexico	1			Ariz.
<i>Lycopersicon esculentum</i> (tomato)	do.	1			Ariz.
<i>Rhyparochromus chiragra</i> (F.) (Lygaeidae):					
Nursery stock	Germany			1	Md.
Soil around roots of <i>Quercus</i> sp.	Switzerland			1	N. J.
<i>Ribua innoxia</i> Hein. (Phycitidae):					
<i>Ananas comosus</i> (pineapple)	Cuba	13			N. Y.
<i>Scyphophorus acupunctatus</i> Gyll. (Curculionidae):					
<i>Agave parviflora</i>	Mexico			1	N. J.
<i>Agave</i> sp.	do.	1			Tex.
<i>Selenothrips rubrocinctus</i> (Giard) (Thripidae):					
<i>Rosa</i> sp.	do.			1	Tex.
<i>Sesamia cretica</i> Led. (Phalaenidae):					
<i>Sorghum vulgare technicum</i> (broomcorn)	Greece, Italy	47	1		Calif.,* Fla., Fla.,* La., Md., Mass., N. Y., Pa.
<i>Zea mays</i> (corn)	Italy	1			N. Y.
<i>Sinoxylon anale</i> Lesne (Bostrichidae):					
Wood	India	9			N. Y.
<i>Sinoxylon crassum</i> Lesne (Bostrichidae):					
Wood	do.	1			Calif.*
<i>Sisamnes contractus</i> Dist. (Lygaeidae):					
<i>Ananas comosus</i> (pineapple)	Mexico	4			Tex.
<i>Sitona crinita</i> (Hbst.) (Curculionidae):					
<i>Brassica oleracea capitata</i> (cabbage)	Algeria		1		Va.
<i>Sitona hispidula</i> (F.) (Curculionidae):					
Soil around rockery plants	Canada			1	Wash.
<i>Sitona humeralis</i> Steph. (Curculionidae):					
Woods moss around <i>Fagus</i> sp. plants	Denmark			1	N. J.
<i>Sitona lineata</i> (L.) (Curculionidae):					
Peat moss around rhododendron plants	Netherlands			1	N. J.

List of pests (insects) collected and reported from July 1, 1950, to June 30, 1951, inclusive—Continued

[An asterisk indicates State inspection]

Insect and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
<i>Sizeonotus luteiceps</i> Reuter (Miridae):					
Cactus	Mexico			3	Tex.
<i>Ferocactus echidne</i> (cactus)	do.			1	Tex.
<i>Mammillaria</i> sp. (cactus)	do.			3	Tex.
<i>Sparteus villosus</i> (F.) (Bruchidae):					
<i>Cytisus scoparius</i> (Scotch broom)	Italy			1	N. J.
<i>Lens culinaris</i> (lentil)	do.	1			N. Y.
<i>Spartium junceum</i> (weavers-broom)	do.			1	N. J.
<i>Specularius impressithorax</i> (Pic) (Bruchidae):					
<i>Erythrina</i> sp.	Union of South Africa			1	Calif.*
<i>Sphenarches caffer</i> (Zell.) (Pterophoridae):					
<i>Cajanus cajan</i> (pigeonpea)	Trinidad	1			N. Y.
<i>Stenocarus fuliginosus</i> Marsh (Curculionidae):					
<i>Ribes</i> sp.	Germany			1	Calif.*
<i>Stenoma anonella</i> Sepp. (Stenomidae):					
<i>Annona cherimola</i> (cherimoya)	Brazil	1			N. Y.
<i>Annona muricata</i> (soursop)	Jamaica, Panama	2			Fla.,* La.
<i>Stenoma catenifer</i> Wlsm. (Stenomidae):					
<i>Persea americana</i> (avocado)	Canal Zone, Costa Rica, Dominican Republic, Ecuador, Honduras, Mexico, Panama, Venezuela, unknown.		14	10	Ala., Calif.,* La., N. Y., Pa., Tex.
<i>Stephanoderes buscki</i> Hopk. (Scolytidae):					
<i>Caesalpinia</i> sp.	Canal Zone			1	N. J.
<i>Stephanoderes hampei</i> (Ferr.) (Scolytidae):					
<i>Coffea</i> sp. (coffee)	Brazil		1		Md.
<i>Stephanoderes lecontei</i> Hopk. (Scolytidae):					
<i>Cajanus cajan</i> (pigeonpea)	St. Vincent	1			Mass.
<i>Strophosoma capitatum</i> (Deg.) (Curculionidae):					
<i>Rosa</i> sp.	Netherlands			1	N. Y.
<i>Strophosoma melanogrammum</i> (Forst.) (Curculionidae):					
<i>Petroselinum crispum</i> (parsley)	Canada	1			Wash.
<i>Rhododendron</i> sp.	England			1	Wash.
<i>Strophosoma retusum</i> (Marsh.) (?) (Curculionidae):					
<i>Calluna</i> sp.	England	1			N. J.
<i>Systole geniculata</i> Foerst. (Eurytomidae):					
<i>Coriandrum sativum</i> (coriander)	Ethiopia			1	D. C.
<i>Tadrius erirhinoides</i> Pasc. (Curculionidae):					
Orchid	Philippines			1	Calif.*
<i>Taeniothrips atratus</i> (Hal.) (Thripidae):					
<i>Calluna vulgaris</i> (heather)	Scotland, Sweden	2			Md., N. Y.
<i>Centaurea cyanus</i> (bachelors button)	Netherlands	1			N. Y.*
<i>Dianthus</i> sp. (carnation)	England, Germany, Scotland, Sweden.	10			N. J., N. Y.
<i>Rosa</i> sp.	Unknown		1		N. Y.
Soil on roots of plant	England			1	N. J.
<i>Tulipa</i> sp. (tulip)	do.			1	N. Y.
<i>Taeniothrips dianthi</i> Pr. (Thripidae):					
<i>Dianthus</i> sp. (carnation)	Germany, Switzerland, unknown.	1	1	1	Calif.,* N. Y.
<i>Taeniothrips ericae</i> (Hal.) (Thripidae):					
<i>Calluna vulgaris</i> (heather)	England	1			N. Y.
<i>Taeniothrips hawaiiensis</i> (Morg.) (Thripidae):					
<i>Canavalia</i> sp.	Hawaii	5			Calif.*
<i>Dianthus</i> sp.	Hawaii, Philippines	3			Calif.,* Hawaii.
Flower leis	Hawaii	2			Calif.*
<i>Gardenia augusta</i> (gardenia)	do.	2			Calif.*
<i>Mesembryanthemum</i> sp.	do.	1			Calif.*
<i>Taeniothrips picipes</i> (Zett.) (Thripidae):					
<i>Primula</i> sp. (primrose)	England			1	N. J.
<i>Talponia batesi</i> Hefn. (Olethreutidae):					
<i>Annona cherimola</i> (cherimoya)	Mexico	2			Tex.
<i>Annona reticulata</i> (custard-apple)	do.	1			Tex.
" <i>Targionia</i> " bromilidae (Leon.) (Coccidae):					
<i>Ananas comosus</i> (pineapple)	do.	15		1	Tex.

of pests (insects) collected and reported from July 1, 1950, to June 30, 1951,
inclusive—Continued

[An asterisk indicates State inspection]

Insect and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
<i>Argonia" cueroensis</i> (Ckll.) (Coccidae):	Mexico	1			Calif.
<i>thececolobium dulce</i> (guamachil)					
<i>Argonia" hartii</i> (Ckll.) (Coccidae):	Antigua, Barbados,	10	1	1	D. C., Fla.,*
<i>poscorea</i> sp. (yam)	Cuba, Gold Coast, Grand Cayman, Nevis, St. Kitts, St. Lucia.				Mass., N. Y.
<i>Argonia" sacchari</i> (Ckll.) (Coccidae):	Cuba, Puerto Rico	2			Fla.,* N. Y.
<i>onemus laticeps</i> Halb. (Tarsonemidae):	Netherlands			1	N. J.
<i>reissus</i> sp.					
<i>hecoris angustimarginatus</i> Hsiao & Sailer (Miridae):	Mexico			3	Tex.
<i>chid</i>	Honduras, Mexico			4	N. J., Tex.
<i>hecoris bicolor</i> Scott (Miridae):	Mexico			4	Tex.
<i>chid</i>					
<i>hecoris confusus</i> Hsiao & Sailer (Miridae):	Canal Zone			1	Calif.*
<i>chid</i>					
<i>hecoris distinguendus</i> Hsiao & Sailer (Miridae):	Brazil			1	Fla.
<i>enoches chlorochilon</i> (orchid)	Venezuela			2	N. J.
<i>hecoris orchidearum</i> Reuter (Miridae):					
<i>chid</i>					
<i>hecoris venezuelensis</i> Hsiao & Sailer (Miridae):	Jamaica			1	Fla.
<i>ttleya</i> sp. (orchid)	Mexico	1			Tex.
<i>euroides acaciae</i> (Q.) (Aleyrodidae):	do	1			Tex.
<i>ya</i> sp. (?)	do	1			Tex.
<i>amaedorea</i> sp. (palm)	do	1			Tex.
<i>af</i> —unknown	Trinidad	1			N. Y.
<i>annophthorus schwarzi</i> Blkm. (Scolytidae):					
<i>rsea americana</i> (avocado)	Japan	1			Wash.
<i>nnotettix hyalinapennis</i> (Stal) (Cicadellidae):	Italy	1			N. Y.
<i>ethurium</i> sp.	Great Britain	1			N. Y.
<i>ops angusticeps</i> Uzel (Thripidae):	Panama		1		La.
<i>anthus</i> sp., <i>Iris</i> sp., & <i>Lathyrus</i> sp.	Mexico		1		Ariz.
<i>ntedeschia aethiopica</i> (calla lily)	Italy		1		N. Y.
<i>is cardui</i> (L.) (Tingidae):	Belgium		1		N. Y.
<i>lluna</i> sp.					
<i>tomorpha bitias</i> (Druce) (Geometridae):	Mexico				
<i>plane</i>					
<i>euroides intermedia</i> Russell (?) (Aleyrodidae):					
<i>ercus</i> sp. (oak)					
<i>euroides lauri</i> (Sign.) (Aleyrodidae):					
<i>urus nobilis</i> (Grecian laurel)					
<i>urus</i> sp.					
<i>euroides vitrinellus</i> Ckll. (Aleyrodidae):					
<i>rus paradisi</i> (grapefruit)					
<i>obaris mucorea</i> (Lec.) (Cruculionidae):					
<i>ysalis</i> sp. (husk tomato)					
<i>ymus sacchari</i> (Ckll.) (Coccidae):					
<i>chcharum officinarum</i> (sugarcane)					
<i>ya magnoliae</i> (Ashm.) (Psyllidae):					
<i>urus nobilis</i> (Grecian laurel)					
<i>panea stellata</i> (Fuessly) (Tephritidae):					
<i>rysanthemum</i> sp.					
<i>spis citri</i> (Comst.) (Coccidae):					
<i>rus paradisi</i> (grapefruit)					
<i>rus sinensis</i> (orange)					
<i>spis euonymi</i> (Comst.) (Coccidae):					
<i>onymus</i> sp.					
<i>spis yanonensis</i> (Kuw.) (Coccidae):					
<i>rus limon</i> (lemon)					
<i>rus paradisi</i> (grapefruit)					
<i>rus reticulata</i> (Mandarin orange)					
<i>rus sinensis</i> (orange)					

Hawaii.

List of pests (insects) collected and reported from July 1, 1950, to June 30, 1951, inclusive—Continued

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		Consumption	Nonentry	Propagation	
<i>Vinsonia stellifera</i> (Westw.) (Coccidae):					
<i>Anthurium</i> sp.	Trinidad			2	Fla.
<i>Aspasia epidendroides</i> (orchid)	Canal Zone			1	N. J.
<i>Aspasia</i> sp.	do			1	Fla.
<i>Broughtonia</i> sp. (orchid)	Jamaica			1	Fla.
<i>Cattleya</i> sp. (orchid)	Antigua			1	N. J.
<i>Dendrobium</i> sp. (orchid)	Venezuela			1	N. J.
<i>Oncidium ampliatum</i> (orchid)	Canal Zone			1	Tex.
Orchid	Brazil, Canal Zone, Caroline Islands, Jamaica, St. Kitts, Trinidad, Virgin Islands.			16	Calif.,* 1
	Canal Zone			1	N. J.
<i>Peristeria elata</i> (holy-ghost-flower)	Canal Zone			1	Hawaii.
<i>Xylobiops texanum</i> (Horn) (Bostrichidae):					
<i>Ananas comosus</i> (pineapple)	Mexico	1			Tex.
Herb	do	1			Tex.

Hosts and insects

- BIES:**
Laspeyresia strobilella (Lepidoptera)
- CACIA:**
Ercopochiomeria albomaculata (Hemiptera)
Pantomorus godmani (Coleoptera)
- CHRAS:**
Anastrepha serpentina (Diptera)
- GAVE:**
Pseudodiaspis yuccae (Homoptera)
Scyphophorus acupunctatus (Coleoptera)
- LLIUM PORRUM:**
Acrolepia assectella (Lepidoptera)
Pieris brassicae (Lepidoptera)
- LLIUM SATIVUM:**
Aceria tulipae (Acarina)
Brachycerus albidentatus (Coleoptera)
Brachycerus algerus (Coleoptera)
Bruchus ervi (Coleoptera)
Dyspessa ulula (Lepidoptera)
Parmena balteus (Coleoptera)
- LNUS:**
Microleon longipalpis (Lepidoptera)
- LOE:**
Aleophagus myersi (Homoptera)
- LPINIA:**
Pulvinaria psidii (Homoptera)
- ANACAMPSEROS:**
Asterolecanium stentae (Homoptera)
- ANANAS:**
Alpheias conspirata (Lepidoptera)
Chalcodermus dentiferus (Coleoptera)
Eueitheola bidentata (Coleoptera)
Eurythmia santiagella (Lepidoptera)
Ercopochiomeria albomaculata (Hemiptera)
Genopaschia protomis (?) (Lepidoptera)
Noropsis hieroglyphica (Lepidoptera)
Pheidole megacephala (Hymenoptera)
Platynota rostrana (Lepidoptera)
Ribua innoxia (Lepidoptera)
Sisamnes contractus (Hemiptera)
"Targionia" bromitiae (Homoptera)
Xylobiops texanum (Coleoptera)
- ANNONA:**
Ceratitis capitata (Diptera)
Stenomoma anonella (Lepidoptera)
Talponia batesi (Lepidoptera)
- ANTHURIUM:**
Ceroplastes rubens (Homoptera)
Chrysomphalus umboniferus (Homoptera)
Parthenothrips dracena (Thysanoptera)
Pulvinaria psidii (Homoptera)
Thamnotettix hyalinapennis (Hemiptera)
Vinsonia stellifera (Homoptera)
- ANTIRRHINUM:**
Cyrtopeltis varians (Hemiptera)
Haplothrips gowdeyi (Thysanoptera)
- APIUM:**
Deroceras reticulatum (Mollusca)
Hyadaphis apii (Homoptera)
- ARCTIUM:**
Pyrausta nubilalis (Lepidoptera)
- ARCTOTIS:**
Pulvinaria psidii (Homoptera)
- ASPARAGUS:**
"Chionaspis" stanotophri (Homoptera)
- ASPASIA:**
Vinsonia stellifera (Homoptera)
- ATTALEA:**
Asterolecanium truncatum (Homoptera)
- BAMBOO:**
Asterolecanium bambusae (Homoptera)
Asterolecanium miliaris miliaris (Homoptera)
Dinoderus brevis (Coleoptera)
Micrapate labialis (Coleoptera)
- BEGONIA:**
Aleurodicus dugesii (Homoptera)
Brachyrhinus sulcatus (Coleoptera)
Haplothrips gowdeyi (?) (Thysanoptera)
- BERBERIS:**
Liosomaphis berberidis (Homoptera)
- BETA:**
Lixus junci (Coleoptera)
Pachyzancla bipunctalis (Lepidoptera)
- BETULA:**
Oligotrophus betulae (Diptera)
- BOUGAINVILLE:**
Orthezia praelonga (Homoptera)
- BRASSAVOLA:**
Pseudischmiaspis alienus (Homoptera)
- BRASSIA:**
Puto uller (Homoptera)
- BRASSICA CHINENSIS:**
Lygus lucorum (Hemiptera)
- BRASSICA OLERACEA ACEPHALA:**
Evergestis forficatis (Lepidoptera)
- BRASSICA OLERACEA BOTRYTIS:**
Evergestis forficatis (Lepidoptera)
Leptophobia aripa (Lepidoptera)
Mamestra brassicae (Lepidoptera)
Phytomyza rufipes (Diptera)
- BRASSICA OLERACEA CAPITATA:**
Deroceras reticulatum (Mollusca)
Evergestis forficatis (Lepidoptera)
Mamestra brassicae (Lepidoptera)
Monomorium destructor (Hymenoptera)
Pachyzancla bipunctalis (Lepidoptera)
Pieris brassicae (Lepidoptera)
Sitona crinita (Coleoptera)
- BRASSICA SP.:**
Anaphothrips obscurus (Thysanoptera)
- BROMELIAD:**
Orthodes melanops (Lepidoptera)
- BROUGHTONIA:**
Vinsonia stellifera (Homoptera)
- BRYA:**
Tetraleurodes acaciae (Homoptera)
- BRYOPHYLLUM:**
Frankliniella cubensis (Thysanoptera)
- BURLINGTONIA:**
Asterolecanium epidendri (Homoptera)
- BUXUS:**
Psylla buxi (Homoptera)
- CACTUS:**
Gerstaeckeria mutillaria (Coleoptera)
Hemileuca oliviae (Lepidoptera)
Pseudodiaspis yuccae (Homoptera)
Puto lasiorum (Homoptera)
Sizeonolus luteiceps (Hemiptera)
- CAESALPINIA:**
Mimosestes dominicana (Coleoptera)
Stephanoderes buscki (Coleoptera)
- CAJANUS:**
Acanthoscelides armitagei (Coleoptera)
Ancylostomia stercora (Lepidoptera)
Lampides boeticus (Lepidoptera)
Maruca testulalis (Lepidoptera)
Sphenarches coffer (Lepidoptera)
Stephanoderes lecontei (Coleoptera)
- CALLUNA:**
Aretolrhezia cataphracta (Homoptera)
Gelechia ericetella (Lepidoptera)
Lochmaea capreae (Coleoptera)
Ortholygus ericetorum (Hemiptera)
Strophosoma retusus (?) (Coleoptera)
Taeniothrips atratus (Thysanoptera)
Taeniothrips ericae (Thysanoptera)
Tingis cardui (Hemiptera)
- CALOCARPUM:**
Chrysomphalus ritchiei (Homoptera)
- CALOTROPIS:**
Haplothrips gowdeyi (Thysanoptera)
- CAMELLIA:**
Aleurotuberculatus similis (Homoptera)
Ceroplastes ceriferus (Homoptera)
Parlatoria camelliae (Homoptera)
- CANAVALIA:**
Haplothrips gowdeyi (Thysanoptera)
Lampides boeticus (Lepidoptera)
Maruca testulalis (Lepidoptera)
Taeniothrips hawaiiensis (Thysanoptera)
- CAPSICUM:**
Gnorimoschema gudmannella (Lepidoptera)
Platynota rostrana (Lepidoptera)
Pyrausta nubilalis (Lepidoptera)
Rhopalosiphum subterraneum (Homoptera)
- CARICA:**
Lichentia lutea (Homoptera)
- CASSIA:**
Aganactesis indecora (Lepidoptera)
Carydon fuscus (Coleoptera)
- CASTANEA:**
Curculio elephas (Coleoptera)
Hemimene juliana (Lepidoptera)
Laspeyresia juliana (Lepidoptera)

Hosts and insects—Continued

CASTANEA—Continued

Laspeyresia splendana (Lepidoptera)

CASUARINA:

Leucaspis candida (Homoptera)

Leucaspis lowi (Homoptera)

CATTLEYA:

Aleuroglanulus emmae (Homoptera)

Asterolecanium epidendri (Homoptera)

Chrysomphalus tenax (Homoptera)

Chrysomphalus umboniferus (Homoptera)

Deroceras reticulatum (Mollusca)

Eurytoma orchidearum (Hymenoptera)

Furcaspis biformis (Homoptera)

Iridomyrmex iniquus (Hymenoptera)

Mordellistena catleyana (Coleoptera)

Parlatoria pseudaspidiotus (Homoptera)

Pseudischaspis alienus (Homoptera)

Tenthorax venezuelensis (Hemiptera)

Vinsonia stellifera (Homoptera)

CEDRUS:

Aspidiotus pseudomeyeri (Homoptera)

Lineaspis striata (Homoptera)

CELOSIA:

Ligyrocoris aurivilliana (Hemiptera)

CENTAUREA:

Taeniothrips atratus (Thysanoptera)

CEROPEGIA:

"Chionaspis" indigoferae (Homoptera)

CHAENOMELES:

Ceroplastes rubens (Homoptera)

CHAMAEDOREA:

Tetraleurodes acaciae (Homoptera)

CHRYSANTHEMUM:

Cacoecia pronubana (Lepidoptera)

Capitophorus formosanus (Homoptera)

Cnephias virgaureana (Lepidoptera)

Deroceras reticulatum (Mollusca)

Myrmica laevinodis (Hymenoptera)

Phylomyza atricornis (Diptera)

Trupanea stellata (Diptera)

CHRYSOPHYLLUM:

Anastrepha serpentina (Diptera)

CICER:

Acylostoma stercorea (Lepidoptera)

CIRSIIUM:

Capitophorus carduinus (Homoptera)

CITRUS AURANTIFOLIA:

Aleurocanthus woglumi (Homoptera)

Anastrepha ludens (Diptera)

Leucaspis cockerelli (Homoptera)

Parlatoria cinerea (Homoptera)

Parlatoria zizyphus (Homoptera)

CITRUS AURANTIUM (?)

Leucaspis cockerelli (Homoptera)

CITRUS LIMON:

Argyroploce leucotreta (Lepidoptera)

Ceratitidis capitata (Diptera)

Cryptoblabes gnidiella (Lepidoptera)

Leucaspis cockerelli (Homoptera)

Morganella longispina (Homoptera)

Parlatoria cinerea (Homoptera)

Parlatoria zizyphus (Homoptera)

Unaspis yanonensis (Homoptera)

CITRUS PARADISI:

Anastrepha ludens (Diptera)

Ceratitidis capitata (Diptera)

Leucaspis cockerelli (Homoptera)

Parlatoria cinerea (Homoptera)

Parlatoria zizyphus (Homoptera)

Trialeurodes viridulus (Homoptera)

Unaspis citri (Homoptera)

Unaspis yanonensis (Homoptera)

CITRUS RETICULATA:

Aleurocanthus woglumi (Homoptera)

Aleurolobus marlatti (Homoptera)

Argyroploce leucotreta (Lepidoptera)

Ceratitidis capitata (Diptera)

Leucaspis cockerelli (Homoptera)

Parlatoria zizyphus (Homoptera)

Unaspis yanonensis (Homoptera)

CITRUS SINENSIS:

Aleurocanthus woglumi (Homoptera)

Aleurothrix floccosus (Homoptera)

Anastrepha fraterculus (Diptera)

CITRUS SINENSIS—Continued

Anastrepha ludens (Diptera)

Anastrepha serpentina (?) (Diptera)

Argyroploce leucotreta (Lepidoptera)

Ceratitidis capitata (Diptera)

Chaetanaphothrips orchidii (Thysanoptera)

Chrysomphalus personatus (Homoptera)

Cryptoblabes gnidiella (Lepidoptera)

Gymnandrosoma aurantianum (Lepidoptera)

Leucaspis cockerelli (Homoptera)

Parlatoria cinerea (Homoptera)

Parlatoria zizyphus (Homoptera)

Pseudonidia trilobitiformis (Homoptera)

Unaspis citri (Homoptera)

Unaspis yanonensis (Homoptera)

CITRUS SP.:

Aleurocanthus woglumi (Homoptera)

Aleuroparadoxus gardeniae (Homoptera)

Aleuroplatus coccolus (Homoptera)

Aleurothrix floccosus (Homoptera)

Dialeurodes citri (Homoptera)

Dialeurodes citrifolii (Homoptera)

Ezophthalmus roseipes (Coleoptera)

Leucaspis cockerelli (Homoptera)

COCOS:

Aonidiella inornata (Homoptera)

Aspidiotus coryphae (Homoptera)

Aspidiotus destructor (Homoptera)

Aspidiotus excisus (Homoptera)

Chrysomphalus personatus (Homoptera)

Chrysomphalus lingi (Homoptera)

Ereunetis flavistriata (Lepidoptera)

Ferrisiana virgata (Homoptera)

Lepidosaphes mcgregori (Homoptera)

Phenacaspis sandwicensis (Homoptera)

Pseudococcus palmarum (Homoptera)

CODIAEUM:

Lepidosaphes tokionis (Homoptera)

Parlatoria crotonis (Homoptera)

COELOGYNE:

Chrysomphalus snulliporus (Homoptera)

Lepidosaphes tuberculata (Homoptera)

COFFEA:

Ceratitidis capitata (Diptera)

Coccus viridis (Homoptera)

Stephanoderes hampei (Coleoptera)

COPAIFERA:

Draeculacephala lenticula (Hemiptera)

Platyptus rugulosus (Coleoptera)

CORDYLINE:

Pulvinaria psidii (Homoptera)

CORIANDRUM:

Frankliniella cubensis (Thysanoptera)

Systole geniculata (Hymenoptera)

CORNUS:

Lygus campestris (Hemiptera)

CORYLUS:

Curculio nucum (Coleoptera)

CRATAEGUS:

Ceroplastes rubens (Homoptera)

CRYPTOSTEGIA:

Heteropsylla texana (Homoptera)

CUCUMIS:

Dacus cucurbitae (Diptera)

Dacus dorsalis (Diptera)

CUCURBITA:

Pyrausta nubilalis (Lepidoptera)

CUPRESSUS:

Epinotia tessulatana (Lepidoptera)

Lepidosaphes pallida (Homoptera)

CURCUMA:

Paraputo taraktogeni (Homoptera)

CYBISTAX:

Acanthoderes circumflexa (Coleoptera)

CYCAD:

Cryptoblabes gnidiella (Lepidoptera)

CYCNOCHES:

Tenthorax distinguendus (Hemiptera)

CYDONIA:

Anastrepha ludens (Diptera)

Ceratitidis capitata (Diptera)

Grapholita packardii (Lepidoptera)

CYMBIDIUM:

Lepidosaphes tuberculata (Homoptera)

*Hosts and insects—Continued***CYNARA:**

- Anuraphis cynaræ* (?) (Homoptera)
- Apion carduorum* (Coleoptera)
- Iridomyrmex humilis* (Hymenoptera)

CYPRIPEDIUM:

- Parlatoria pseudaspidiotus* (Homoptera)

CYTISUS:

- Sparteus villosus* (Coleoptera)

DAHLIA:

- Gortyna flavago* (Lepidoptera)

DAISY:

- Panlomorus godmani* (Coleoptera)

DAUCUS:

- Haplothrips gowdeyi* (Thysanoptera)
- Loxostege similalis* (Lepidoptera)
- Mamestra brassicae* (Lepidoptera)
- Phalonia zephyrana* (Lepidoptera)

DELONIX:

- Ferrisia virgata* (Homoptera)

DENDROBIUM:

- Chrysomphalus nulliporus* (Homoptera)
- Vinsonia stellifera* (Homoptera)

DERRIS:

- Dinoderus bifoveolatus* (Coleoptera)

DIANTHUS:

- Cacoeia pronubana* (Lepidoptera)
- Haplothrips gowdeyi* (Thysanoptera)
- Taeniothrips atratus* (Thysanoptera)
- Taeniothrips dianthi* (Thysanoptera)
- Taeniothrips hawaiiensis* (Thysanoptera)

DIOSCOREA:

- Monomorium destructor* (Hymenoptera)
- "*Targionia*" *hartii* (Homoptera)

DIOSPYROS:

- Ceratitis capitata* (Diptera)
- Ceroplastes rubens* (Homoptera)
- Lepidosaphes conchiformis* (Homoptera)
- Parlatoria oleae* (Homoptera)

DOLICHOS:

- Callosobruchus phaseoli* (Coleoptera)

EPIDENDRUM:

- Chrysomphalus tenax* (Homoptera)
- Conchaspis angraeci* (Homoptera)
- Furcaspis biformis* (Homoptera)
- Puto ulter* (Homoptera)

ERANTHEMUM:

- Frankliniella cubensis* (Thysanoptera)

ERYTHRINA:

- Specularius impressithorax* (Coleoptera)

EUONYMUS:

- Unaspis euonymi* (Homoptera)

EUPHORBIA:

- Platynota rostrana* (Lepidoptera)

FEROCACTUS:

- Sizeonotus luteiceps* (Hemiptera)

FICUS:

- Ceratitis capitata* (Diptera)
- Ceroplastes rusci* (Homoptera)
- Coccus viridis* (Homoptera)
- Gynaikothrips ficorum* (Thysanoptera)
- Homotoma ficus* (Homoptera)
- Iridomyrmex humilis* (Hymenoptera)
- Lepidosaphes ficus* (Homoptera)
- Pulvinaria psidii* (Homoptera)

FRAGARIA:

- Cacoeia pronubana* (Lepidoptera)

GARCINIA:

- Aspidiotus destructor* (Homoptera)

GARDENIA:

- Aleurotuberculatus jasmini* (Homoptera)
- Ceroplastes rubens* (Homoptera)
- Coccus viridis* (Homoptera)
- Dialeurodes citri* (Homoptera)
- Dialeurodes citrifolii* (Homoptera)
- Dialeurodes kirkaldyi* (Homoptera)
- Dysdercus mimulus* (Hemiptera)
- Eucalymnatus tessellatus* (Homoptera)
- Ferrisia virgata* (Homoptera)
- Orthesia praelonga* (Homoptera)
- Protopulvinaria longivalvata* (Homoptera)
- Protopulvinaria pyrifomis* (Homoptera)
- Taeniothrips hawaiiensis* (Thysanoptera)

GENTIANA:

- Nemotois violellum* (?) (Lepidoptera)

GLADIOLUS:

- Exophthalmus laetus* (Coleoptera)

GOSSYPIUM:

- Pectinophora gossypiella* (Lepidoptera)

GRAMMATOPHYLLUM:

- Ceroplastes rubens* (Homoptera)
- Meritella malayensis* (Hemiptera)

GREVILLEA:

- Icerya aegyptiaca* (Homoptera)

GUAJACUM:

- Aleurothrix floccosus* (Homoptera)
- Neocytylus cacticus* (Coleoptera)
- Paraleyrodus goyabae* (Homoptera)

HEDYCHUM:

- Paraputo taraktogeni* (Homoptera)

HELICHRYSUM:

- Haplothrips gowdeyi* (Thysanoptera)

HEUCHERA:

- Hypera nigritrostris* (Coleoptera)

HIBISCUS:

- Aleurocanthus woglumi* (Homoptera)
- Conchaspis angraeci* (Homoptera)
- Frankliniella cubensis* (Thysanoptera)
- Pectinophora gossypiella* (Lepidoptera)

HYPERICUM:

- Agallia venosa* (Hemiptera)

ILEX:

- Aleuroplatus plumosus* (Homoptera)
- Notochilus damryi* (Hemiptera)

IPOMOEA:

- Cylas femoralis* (Coleoptera)
- Cylas formicarius elejanulus* (Coleoptera)
- Euseceps postfasciatus* (Coleoptera)
- Palaeopus costicollis* (Coleoptera)

ISOLOMA:

- Coccidella americana* (Homoptera)

IXORA:

- Coccus viridis* (Homoptera)

JASMINUM:

- Aonidiella inornata* (Homoptera)
- Dialeurodes kirkaldyi* (Homoptera)
- Parlatoria cinerea* (Homoptera)

JUGLANS:

- Monellia costalis* (Homoptera)
- Myzocallis caryaefoliae* (Homoptera)
- Rhagoletis completa* (Diptera)
- Rhagoletis juglans* (Diptera)

JUNIPERUS:

- Lepidosaphes pallida* (Homoptera)
- "*Poliaspis*" *pini* (Homoptera)

KHAYA:

- Bostrychoplites cornutus* (Coleoptera)
- Cordylomera spinicornis* (Coleoptera)
- Heterobostrychus brunneus* (Coleoptera)

LACTUCA:

- Dicyphus annulatus* (Hemiptera)
- Draeculacephala minerva* (Hemiptera)

LAELIA:

- Asterolecanium epidendri* (Homoptera)

LATHYRUS:

- Haplothrips gowdeyi* (Thysanoptera)
- Liriomyza congesta* (Diptera)

LAURUS:

- Cacoeia pronubana* (Lepidoptera)
- Ceroplastes japonicus* (Homoptera)
- Chrysomphalus paulistus* (Homoptera)
- Chrysomphalus personatus* (Homoptera)
- Trialeurodes lauri* (Homoptera)
- Trioxa magnoliae* (Homoptera)

LEMAIREOCEREUS:

- Lepidosaphes philococcus* (Homoptera)

LENS:

- Bruchus rufipes* (Coleoptera)
- Bruchus signaticornis* (Coleoptera)
- Sparteus villosus* (Coleoptera)

LEUCOJUM:

- Lampetia equestris* (Diptera)

LILIU:

- Crioceris lilii* (Coleoptera)
- Frankliniella cubensis* (Thysanoptera)
- Prodenia eridania* (Lepidoptera)

LONCHOCARPUS:

- Dinoderus bifoveolatus* (Coleoptera)

LYCOPERSICON:

- Dacus cucurbitae* (Diptera)
- Dacus dorsalis* (Diptera)
- Dysdercus mimulus* (Hemiptera)
- Lineodes integra* (Lepidoptera)

Hosts and insects—Continued

LYCOPERSICON—Continued

- Neoleucinodes elegantalis* (Lepidoptera)
Rhopalosiphum subterraneum (Homoptera)

MALUS:

- Allantus cinctus* (Hymenoptera)
Anthonomus pomorum (Coleoptera)
Aspidiotus pyri (Homoptera)
Ceratitis capitata (Diptera)
Cryptoblabes gnidiella (Lepidoptera)
Epidiopsis piricola (Homoptera)
Lepidosaphes conchiformis (Homoptera)
Monanthia echii (Hemiptera)
Parlatoria oleae (Homoptera)
Rhagoletis pomonella (Diptera)

MAMMEA:

- Anastrepha serpentina* (Diptera)
Morganella longispina (Homoptera)

MAMMILLARIA:

- Gasteroeckia mutilaria* (Coleoptera)
Sizenotus luteiceps (Hemiptera)

MANGIFERA:

- Anastrepha ludens* (Diptera)
Anastrepha mombinpraepians (Diptera)
Aulacaspis tubercularis (Homoptera)
Chrysomphalus personatus (Homoptera)
Cryptorhynchus mangiferae (Coleoptera)
Dacus dorsalis (Diptera)
Phenacaspis sandwicensis (Homoptera)
Pseudoanidia trilobitiformis (Homoptera)

MARANTA:

- Pinnaspis buxi* (Homoptera)

MELICOCCA:

- Fiorinia nephelii* (Homoptera)

MESEMBRYANTHEMUM:

- Haplothrips gowdeyi* (Thysanoptera)
Taeniothrips hawaiiensis (Thysanoptera)

MONSTERA:

- Pinnaspis buxi* (Homoptera)

MUSA PARADISIACA:

- Aspidiotus destructor* (Homoptera)

MUSA PARADISIACA SAPIENTUM:

- Aspidiotus destructor* (Homoptera)
Chrysomphalus umboniferus (Homoptera)
Cosmopolites sordidus (Coleoptera)
Dacus dorsalis (Diptera)
Metamasius sericeus (Coleoptera)
Metamasius sericeus carbonarius (Coleoptera)

MUSCARI:

- Exosoma lusitanica* (Coleoptera)

MYRTILLOCACTUS:

- Gargaphia patricia* (Hemiptera)
Lepidosaphes philococcus (Homoptera)

NARCISSUS:

- Lampetia equestris* (Diptera)
Tarsonemus laticeps (Acarina)

NERIUM:

- Exptochiomeria albomaculata* (Hemiptera)
Iridomyrmex humilis (Hymenoptera)
Morganella longispina (Homoptera)

OCHROSIA:

- Dacus dorsalis* (?) (Diptera)

OLEA:

- Dacus oleae* (Diptera)
Euphilippia olivina (Homoptera)
Euphyllura olivina (Homoptera)
Filippia oleae (Homoptera)
Parlatoria oleae (Homoptera)
Phloeotribus scarabaeoides (Coleoptera)
Pollinia pollonii (Homoptera)
Prays oleellus (Lepidoptera)

ONCIDIUM:

- Conchaspis angraeci* (Homoptera)
Furcaspis bififormis (Homoptera)
Puto ulter (Homoptera)
Vinsonia stellifera (Homoptera)

OPUNTIA:

- Ceratitis capitata* (Diptera)

ORCHID:

- Acroleucus vicinalis* (Hemiptera)
Apion auctum (?) (Coleoptera)
Aspidiotus destructor (Homoptera)
Asterolecanium epidendri (Homoptera)
Chrysomphalus diversicolor (Homoptera)
Chrysomphalus tenax (Homoptera)
Chrysomphalus umboniferus (Homoptera)
Cleogonus armatus (Coleoptera)

ORCHID—Continued

- Clerada apicornis* (Hemiptera)
Conchaspis angraeci (Homoptera)
Diorymerellus laevimargo (Coleoptera)
Eurytoma orchidearum (Hymenoptera)
Exptochiomeria albomaculata (Hemiptera)
Furcaspis bififormis (Homoptera)
Genuchinus v-notatus (Coleoptera)
Lecaniodiaspis dendrobii (Homoptera)
Lygaeus circumlinitus (Hemiptera)
Lygaeus circumplicatus (Hemiptera)
Malocampa punctata (Lepidoptera)
Mordellistena cattleyana (Coleoptera)
Mormidea collaris (Hemiptera)
Nysius terrestris (Hemiptera)
Parlatoria pseudaspidiolus (Homoptera)
Praebisnus albofasciatus (Hemiptera)
Pseudischnaspis alienus (Homoptera)
Puto mexicanus (Homoptera)
Puto ulter (Homoptera)
Tadius erirrhinoides (Coleoptera)
Tenthecoris angustimarginalis (Hemiptera)
Tenthecoris bicolor (Hemiptera)
Tenthecoris confusus (Hemiptera)
Tenthecoris orchidearum (Hemiptera)
Vinsonia stellifera (Homoptera)

ORCHIS:

- Furcaspis bififormis* (Homoptera)

ORNITHOGALUM:

- Haplothrips bagnalli* (Thysanoptera)
Lampetia equestris (Diptera)

ORYZA:

- Chilo simplex* (Lepidoptera)

PAEONIA:

- Lepidosaphes kuwacola* (Homoptera)
Reticulitermes speratus (Isoptera)

PALM:

- Aspidiotus herculeanus* (Homoptera)
Chrysomphalus sphaeroides (Homoptera)
Dinoderus bifoveolatus (Coleoptera)
Dysdercus mimulus (Hemiptera)
Furcaspis bififormis (Homoptera)
Lepidosaphes mcgregori (Homoptera)
Pinnaspis buxi (Homoptera)
Pseudischnaspis alienus (Homoptera)

PANDANUS:

- Pseudococcus giffardi* (Homoptera)

PASSIFLORA:

- Frankliniella cubensis* (Thysanoptera)

PERISTERIA:

- Vinsonia stellifera* (Homoptera)

PERSEA:

- Anastrepha ludens* (Diptera)
Aspidiotus destructor (Homoptera)
Ceratitis capitata (Diptera)
Conotrachelus aguacalae (Coleoptera)
Conotrachelus perseae (Coleoptera)
Dacus dorsalis (Diptera)
Exptochiomeria albomaculata (Hemiptera)
Stenomma catenifer (Lepidoptera)
Thamnomphorinus schwarzi (Coleoptera)

PETIVERIA:

- Cylas formicarius elegantulus* (Coleoptera)

PETROSELINUM:

- Strophosoma melanogrammmum* (Coleoptera)

PHASEOLUS LUNATUS MACROCARPUS:

- Maruca testulalis* (Lepidoptera)

PHASEOLUS VULGARIS:

- Acanthoscelides obvelatus* (Coleoptera)

PHASEOLUS VULGARIS VAR.:

- Epinotia opposita* (Lepidoptera)
Everes comyntas (Lepidoptera)
Fundella pellucens (Lepidoptera)
Lampides boeticus (?) (Lepidoptera)
Maruca testulalis (Lepidoptera)

PHILODENDRON:

- Asychomyrmex trisiani* (Hymenoptera)
Chrysomphalus nigropunctatus (Homoptera)
Chrysomphalus sphaeroides (Homoptera)
Chrysomphalus tenax (Homoptera)
Iridomyrmex iniquus (Hymenoptera)
Lepidosaphes carinata (Homoptera)
Pinnaspis buxi (Homoptera)

PHOENIX:

- Dacotrypes dactyliperda* (Coleoptera)
Dinoderus bifoveolatus (Coleoptera)

Hosts and insects—Continued

PHYSALIS:

Trichobaris mucorea (Coleoptera)

PICEA:

Hylurgops palliatus (Coleoptera)
Laspeyresia strobilella (Lepidoptera)
Pityogenes chalcographus (Coleoptera)

PINUS:

Aspidiotus abietis (Homoptera)
Aspidiotus corticis-pini (Homoptera)
Dendroctonus mexicanus (Coleoptera)
Dryocoetes autographus (Coleoptera)
Dryocoetes septentrionis (Coleoptera)
Hylurgops palliatus (Coleoptera)
Leucaspis loewi (Homoptera)
Pityogenes bidentatus (Coleoptera)
Pityogenes chalcographus (Coleoptera)
Poliaspis pini (Homoptera)

PISTACIA:

Megastigmus pistaciae (Hymenoptera)

PISUM:

Laspeyresia nigricana (Lepidoptera)

PITHECELLOBIUM:

"Targionia" cueroensis (Homoptera)

PRIMULA:

Taeniothrips picipes (Thysanoptera)

PRUNUS ARMENIACA:

Ceratitis capitata (Diptera)
Lecanium coryli (Homoptera)
Nilotaspis halli (Homoptera)
Parlatoria oleae (Homoptera)

PRUNUS CERASUS:

Iridomyrmex iloi abbotti (Hymenoptera)

PRUNUS DOMESTICA:

Ceratitis capitata (?) (Diptera)
Epidiaspis piricola (Homoptera)
Parlatoria oleae (Homoptera)
Pseudococcus gahani (Homoptera)

PRUNUS PERSICA:

Anastrepha fraterculus (Diptera)
Anastrepha ludens (Diptera)
Ceratitis capitata (Diptera)
Grapholitha molesta (Lepidoptera)

PRUNUS PERSICA NECTARINA:

Ceratitis capitata (Diptera)
Epidiaspis piricola (Homoptera)

PRUNUS SP. (cherry):

Rhagoletis cerasi (Diptera)

PRUNUS SP. (wild plum):

Anthonomus scutellaris (Coleoptera)

PSIDIUM:

Aleuroglandulus emmae (Homoptera)
Aleurothrix floccosus (Homoptera)
Anastrepha ludens (Diptera)
Anastrepha mombinpraeoptans (?) (Diptera)
Anastrepha striata (Diptera)
Anastrepha suspensa (Diptera)
Ceratitis capitata (Diptera)

PUERARIA:

Callosobruchus ademptus (Coleoptera)

PUNICA:

Anastrepha ludens (Diptera)
Ceratitis capitata (Diptera)
Cryptoblabes gnidiella (Lepidoptera)
Myelois ceratoniae (Lepidoptera)

PYRUS:

Anastrepha ludens (Diptera)
Carposina sasakii (Lepidoptera)
Ceratitis capitata (Diptera)
Grapholitha molesta (Lepidoptera)

QUERCUS:

Curculio elephas (Coleoptera)
Trialeurodes intermedia (?) (Homoptera)

RANUNCULUS:

Aphis rhamni (?) (Homoptera)

RHODODENDRON:

Coeliodes rubicundus (Coleoptera)
Dialeurodes chittendeni (Homoptera)
Gracilaria azaleella (Lepidoptera)
Masonaphis rhododendri (Homoptera)
Nematus bergmanni (Hymenoptera)
Newsteadia floccosa (Homoptera)
Strophosoma melanogrammus (Coleoptera)

RHYNCOSIA:

Acanthoscelides griseolus (Coleoptera)

RIBES:

Apion apricans (Coleoptera)
Stenocarus fuliginosus (Coleoptera)

RORIPPA:

Evergester rimosalis (Lepidoptera)

ROSA:

Allantus cinctus (Hymenoptera)
Arge rosae (Hymenoptera)
Cacoecia pronubana (Lepidoptera)
Parlatoria oleae (Homoptera)
Selenothrips rubrocinctus (Thysanoptera)
Strophosoma capitatus (Coleoptera)
Taeniothrips atratus (Thysanoptera)

SACCHARUM:

Diatraea busckella (Lepidoptera)
Pseudococcus boninensis (Homoptera)
"Targionia" sacchari (Homoptera)
Trionymus sacchari (Homoptera)

SALVIA:

Amileremus wheeleri (Isoptera)

SAPOTE:

Anastrepha ludens (Diptera)
Anastrepha serpentina (Diptera)

SCHOMBURGKIA:

Chrysomphalus tenax (Homoptera)

SCINDAPSUS:

Pinnaspis buxi (Homoptera)

SOIL:

Agriotes lineatus (Coleoptera)
Brachyrhinus oratus (Coleoptera)
Brachyrhinus porcatus (Coleoptera)
Brachyrhinus rugosostriatus (Coleoptera)
Hypera nigritrostris (Coleoptera)
Monomorium destructor (Hymenoptera)
Rhyparochromus chiragra (Hemiptera)
Sitona hispidula (Coleoptera)
Taeniothrips atratus (Thysanoptera)

SOLANUM:

Epicaerus cognatus (Coleoptera)

SORGHUM:

Gortyna flavago (Lepidoptera)
Pyrausta nubilalis (Lepidoptera)
Sesamia cretica (Lepidoptera)

SPARTIUM:

Spartelus villosus (Coleoptera)

SPONDIAS:

Anastrepha mombinpraeoptans (Diptera)

STAPELIA:

"Chionaspis" indigoferae (Homoptera)

STRELITZIA:

Phenacaspis sandwicensis (Homoptera)

SYRINGA:

Adoxophyes orana (Lepidoptera)

TAGETES:

Haplothrips gowdeyi (Thysanoptera)
Ptinus viliger (Coleoptera)

TAMARINDUS:

Caryedon fuscus (Coleoptera)
Monomorium destructor (Hymenoptera)
Myelois ceratoniae (Lepidoptera)

THUJA:

Lepidosaphes pallida (Homoptera)

TILIA:

Lecanium coryli (Homoptera)

TILLANDSIA:

Catolethrus ebeninus (Coleoptera)

TRIFOLIUM:

Hypera postica (Coleoptera)

TRIPLOCHITON:

Heterobostrychus brunneus (Coleoptera)

TULIPA:

Taeniothrips atratus (Thysanoptera)

ULMUS (?) :

Leperisinus fraxini (Coleoptera)

ULMUS:

Pteleobius vittatus (Coleoptera)

VANDA:

Asterolecanium epidendri (Homoptera)
Furcaspis bififormis (Homoptera)
Monomorium destructor (Hymenoptera)

VICIA:

Apion pomonae (?) (Coleoptera)
Bruchus luteicornis (Coleoptera)
Bruchus tristis (Coleoptera)
Rhinchenus stigma (Coleoptera)

VITIS:

Carbula trisignata (Hemiptera)
Ceratitis capitata (Diptera)
Cryptoblabes gnidiella (Lepidoptera)

Hosts and insects—Continued

VITIS—Continued

- Lepoglossus chilensis* (Hemiptera)
Megalometis chilensis (Coleoptera)
Phlyctinus callosus (Coleoptera)
Polychrosis botrana (Lepidoptera)

YUCCA:

- Chrysomphalus agavis* (Homoptera)

AIRPLANE:

- Ethmia festiva* (Lepidoptera)
Hoplosternus japonicus (Coleoptera)
Laphygma exempta (Lepidoptera)
Maruca testulalis (Lepidoptera)
Ozophora consanguinea (Hemiptera)
Platypus rugulosus (Coleoptera)
Tmetomorpha bitias (Lepidoptera)

BARK:

- Ips acuminatus* (Coleoptera)
Melopoplax ditomoides (Hemiptera)
Microplax plagiatus (Hemiptera)

BEAN:

- Callosobruchus phaseoli* (Coleoptera)

CARGO HOLD:

- Achatina fulica* (Mollusca)

FERN LOG:

- Dryophthorus pusillus* (Coleoptera)

FLOWERS:

- Haplothrips gowdeyi* (Thysanoptera)
Oxythya funesta (Coleoptera)
Taeniothrips hawaiiensis (Thysanoptera)
Thrips angusticeps (Thysanoptera)

HERB:

- Heterobostrychus aequalis* (Coleoptera)
Megalopyge krugii (Lepidoptera)
Parlatoria zizyphus (Homoptera)
Xylobiops texanum (Coleoptera)

LEAF:

- Asterolecanium epidendri* (Homoptera)
Chrysomphalus personatus (Homoptera)
Pachyzancla perusalis (Lepidoptera)
Protopulvinaria pyriformis (Homoptera)
Tetraleurodes acaciae (Homoptera)

LOG:

- Cordylomera spinicornis* (Lepidoptera)
Nasutitermes fulviceps (Isoptera)

NURSERY STOCK:

- Rhyarochromus chiragra* (Hemiptera)

AFRICA:

- Ceratitis capitata*

ALGERIA:

- Anuraphis cynarae* (?)
Ceratitis capitata
Dacus oleae (?)
Hyadaphis apii
Parlatoria zizyphus
Sitona crinita

AMERICAN SAMOA:

- Icerya aegyptiaca*

ANTIGUA:

- "*Targionia*" *hartii*
Vinsonia stellifera

ARGENTINA:

- Anastrepha fraterculus*

ARUBA:

- Parlatoria zizyphus*

AUSTRALIA:

- Lepidosaphes tuberculata*
Pantomorus godmani
Parlatoria zizyphus

AUSTRIA:

- Leucaspis loewi*
Nemotois violellus (?)
Rhagoletis cerasi

AZORES:

- Ceratitis capitata*
Curculio elephas
Laspeyresia splendana

ZANTEDESCHIA:

- Thrips angusticeps* (Thysanoptera)

ZEA:

- Moodna bisinuella* (Lepidoptera)
Pyrusta nubilalis (Lepidoptera)
Sesamia cretica (Lepidoptera)

ZINGIBER:

- Palaeopus costicollis* (Coleoptera)

Hosts unknown

PACKING:

- Acalypta parvula* (Hemiptera)
Ceutorhynchus contractus (Coleoptera)
Ceutorhynchus erysimi (Coleoptera)
Chalcophana ferrida (Coleoptera)
Drymus assimilis (Hemiptera)
Hypera plantaginis (?) (Coleoptera)
Naupactus zanthographus (Coleoptera)
Orobittis cyaneus (Coleoptera)
Ortheziola signoreti (Homoptera)
Orthochaetes setiger (Coleoptera)
Sitona lineata (Coleoptera)

PLANT:

- Chrysomphalus odontoglossi* (Homoptera)
Cryptoblabes gnidiella (Lepidoptera)
Deroceras reticulatum (Mollusca)
Ferrisia virgata (Homoptera)
Lepidosaphes celtis (Homoptera)
Pulvinaria psidii (Homoptera)

RETURNED WAR EQUIPMENT:

- Achatina fulica* (Mollusca)

SEED:

- Coccotrypes dactyliperda* (Coleoptera)
Protopulvinaria longivalvata (Homoptera)

TRUCK BED:

- Nasutitermes luzonicus* (Isoptera)

TUBER:

- Gortyna flavago* (?) (Lepidoptera)

WOOD:

- Callidium aeneum* (Coleoptera)
Hylurgops palliatus (Coleoptera)
Pityogenes bidentatus (Coleoptera)
Pityogenes chalcographus (Coleoptera)
Renocis mexicanus (Coleoptera)
Sinoxylon anale (Coleoptera)
Sinoxylon crassum (Coleoptera)

WOODS MOSS:

- Brachyrhinus singularis* (Coleoptera)
Ceutorhynchus contractus (Coleoptera)
Hypera nigrirostris (Coleoptera)
Hypera postica (Coleoptera)
Sitona humeralis (Coleoptera)

Countries of origin and insects

AFRICA:

- Ceratitis capitata*

ALGERIA:

- Anuraphis cynarae* (?)
Ceratitis capitata
Dacus oleae (?)
Hyadaphis apii
Parlatoria zizyphus
Sitona crinita

AMERICAN SAMOA:

- Icerya aegyptiaca*

ANTIGUA:

- "*Targionia*" *hartii*
Vinsonia stellifera

ARGENTINA:

- Anastrepha fraterculus*

ARUBA:

- Parlatoria zizyphus*

AUSTRALIA:

- Lepidosaphes tuberculata*
Pantomorus godmani
Parlatoria zizyphus

AUSTRIA:

- Leucaspis loewi*
Nemotois violellus (?)
Rhagoletis cerasi

AZORES:

- Ceratitis capitata*
Curculio elephas
Laspeyresia splendana

BAHAMAS:

- Aleurothrixus floccosus*
Ancylostomia stercorea
Dialeurodes citrifolii
Pectinophora gossypiella

BARBADOS:

- Asterolecanium bambusae*
Asterolecanium mliaris mliaris
Aulacaspis tubercularis
 "Targionia" *hartii*

BELGIUM:

- Brachyrhinus sulcatus*
Bruchus tristis
Gracilaria azaleella
Hypera nigrirostris
Lepidosaphes tuberculata
Tetraleurodes lauri

BERMUDA:

- Conchaspis angraeci*
Cryptoblabes gnidiella
Cyrtopeltis varians
Deroceras reticulatum
Frankliniella cubensis
Haplothrips gowdeyi (?)
Iridomyrmex humilis
Liriomyza congesta
Morganella longispina
Prodenia eridania
Protopulvinaria pyriformis
Pulvinaria psidii

Countries of origin and insects—Continued

AZIL:

ganaclesis indecora
Chrysomphalus paulistus
Chrysomphalus personatus
Andoderus bifoveolatus
Eurytoma orchidearum
Muscipes postfasciatus
Gymnandrosoma aurantianum
Maruca testulalis
Asutitermes fulviceps
Parlatoria cinerea
Pectinophora gossypiella
Stenoma anonella
Euphanoderes hampei
Anthecoris orchidearum
Consonia stellifera

TISH HONDURAS:

Asterolecanium epidendri

Pseudischinaspis alienus

TISH WEST AFRICA:

Pectinophora gossypiella

TISH WEST INDIES:

Anthoscelides armitagei

Alaopus costicollis

KADA:

Epilophorus carduinus
Cycoetes septentrionis
Diagoletis pomonella
Sitona hispidula
Trophosoma melanogrammum

MAL ZONE:

Anthoscelides armitagei
Anastrepha mombinpraeoptans
Acylostomia stercora
Aspidiotus destructor
Asterolecanium epidendri
Chrysomphalus richiei
Chrysomphalus umboniferus
Progonus armatus
Anchaspis angraeci
Furcaspis biformis
Lepidosaphes tokionis
Leucaspis cockerelli

Parlatoria pseudaspidiotus

Anaspis buxi

Parlatriaria longivalvata

Pseudischinaspis alienus

Stenoma catenifer

Euphanoderes buscki

Anthecoris distinguendus

Consonia stellifera

MARY ISLANDS:

Empidus boeticus (?)

OLINE ISLANDS:

Consonia stellifera

LON:

Furcaspis biformis

LE:

Peria tulipae

Didiaspis piricola

Protophloeus chilensis

Regalometis chiliensis

Leupactus xanthographus

Pseudococcus gahani

ENA:

Eurotuberculatus jasmini

Troposina sasaki

Aleurodes kirkaldyi

Andoderus bifoveolatus

Parlatoria camelliae

Parlatoria zizyphi

Lasaspis yanonensis

OMBIA:

Eurytoma orchidearum

Epilochiomeria albomaculata

Furcaspis biformis

Idomyrmex iniquus

Leucaspis cockerelli

Ordellistena cattleyana

Lasaspis citri

CA RICA:

Anastrepha ludens

Idomyrmex tristansi

Aspidiotus destructor

Asterolecanium epidendri

Asterolecanium truncatum

COSTA RICA—Continued

Chrysomphalus umboniferus

Dialeurodes citrifolii

Draeculacephala lenticula

Leucaspis cockerelli

Metamasius sericeus

Platypus rugulosus

Pseudischinaspis alienus

Stenoma catenifer

CRETE:

Dacus oleae

CUBA:

Anastrepha mombinpraeoptans

Aspidiotus destructor

Asterolecanium epidendri

Asterolecanium miliaris *miliaris*

Chalcophana ferrida

Chrysomphalus tenax

Coccus viridis

Conchaspis angraeci

Cylas formicarius elegantulus

Eurythmia santiagella

Fiorinia nephelii

Fundella pellucens

Furcaspis biformis

Gynaikothrips ficorum

Haplothrips gowdeyi

Heterobostrychus aequalis

Maruca testulalis

Pheidole megacephala

Platynota rostrana

Pseudococcus boninsis

Pulvinaria psidii

Ribua innoxia

"Targionia" hartii

"Targionia" sacchari

Unaspis citri

CURAÇAO:

Megalopyge krugii

Parlatoria cinerea

CYPRUS:

Ceratitis capitata

DENMARK:

Agriotes lineatus

Callidium aeneum

Hypera postica

Lecanium coryli

Pityogenes bidentatus

Sitona humeralis

DOMINICAN REPUBLIC:

Aleurothrixus floccosus

Anastrepha mombinpraeoptans

Anastrepha suspensa

Furcaspis biformis

Stenoma catenifer

ECUADOR:

Metamasius sericeus

Stenoma catenifer

EGYPT:

Ceratitis capitata

"Chionaspis" stanotophri

Cryptoblabes gnidiella

Lixus junci

Parlatoria oleae

Pectinophora gossypiella

ENGLAND:

Acalypta parvula

Allantus cinctus

Arctothezia calaphracta

Cacoecia pronubana

Ceutorhynchus contractus

Ceutorhynchus erysimi

Cnephasia virgaureana

Coeliodes rubicundus

Deroceras reticulatum

Drymus assimilis

Gelechia ericetella

Gracilaria azaleella

Hypera nigritrostris

Hypera plantaginis (?)

Laspeyresia splendana

Leperisinus fraxini

Lepidosaphes tuberculata

Lygus lucorum

Mamestra brassicae

Myrmica laevinodis

Countries of origin and insects—Continued

ENGLAND—Continued

Newsteadia floccosa
Oligotrophus betulae
Orobitis cyaneus
Ortheziola signoreti
Orthochaetes setiger
Phytomyza atricornis
Pteleobius vittatus
Rhagoletis cerasi
Strophosoma melanogrammum
Strophosoma retusus (?)
Taeniothrips atratus
Taeniothrips ericae
Taeniothrips picipes

ETHIOPIA:

Aleophagus myersi
Systole geniculata

FIJI ISLANDS:

Dacus dorsalis (?)

FORMOSA:

Parlatoria pseudaspidiotus

FRANCE:

Aphis rhamni (?)
Apion carduorum
Apion pomonae (?)
Bruchus luteicornis
Cacoezia pronubana
Ceratitis capitata
Ceroplastes japonicus
Crioceris lilii
Curculio elephas
Epidiaspis piricola
Evergestia forficata
Laspeyresia splendana
Mamestra brassicae
Oxythyrea funesta
Parlatoria zizyphus
Phalonia zephyrana
Pieris brassicae
Rhagoletis cerasi

FRENCH WEST AFRICA (?) :

Parlatoria zizyphus

GERMANY:

Atlantus cinctus
Anthonomus pomorum
Apion apricans
Arge rosae
Aspidiotus abietus
Aspidiotus pyri
Bruchus luteicornis
Callidium aeneum
Curculio nucum
Dryocoetes autographus
Hylurgops palliatus
Lampetia equestris
Laspeyresia strobilella
Leucaspis loewi
Pityogenes chalcographus
Rhagoletis cerasi
Rhyparochromus chiragra
Stenocarus fuliginosus
Taeniothrips atratus
Taeniothrips dianthi

GIBRALTAR (?) :

Ceratitis capitata

GOLD COAST:

Cordylomera spinicornis
Dinoderus bifoveolatus
Heterobostrychus brunneus
"Targionia" hartii

GRAND CAYMAN:

"Targionia" hartii

GREAT BRITAIN:

Tingis cardui

GREECE:

Ceratitis capitata
Ceroplastes rusci
Cryptoblabes gnidiella
Dacus oleae
Gortyna flavago
Lecanium coryli
Leucaspis eandida
Leucaspis loewi
Nilotaspis halli
Parlatoria oleae
Polychrosis botrana
Sesamia cretica

GRENADA:

Genopaschia protomis (?)

GUAM:

Achatina fulica
Ceroplastes rubens
Ferrisiana virgata

GUATEMALA:

Acanthoscelides obvelatus
Anastrepha ludens
Anastrepha mombinpraeoptans
Anastrepha serpentina
Apion auctum (?)
Chrysomphalus nigropunctatus
Chrysomphalus tenax
Chrysomphalus umboniferus
Coccus viridis
Ferrisiana virgata
Furcaspis biformis
Lecanodiaspis dendrobii
Metamasius sericeus carbonarius
Morganella longispina
Neoclytus cacticus
Protopulvinaria pyriformis
Puto uller

HAITI:

Anastrepha mombinpraeoptans
Cylas formicarius elegantulus
Exophthalmus laetus
Haplothrips gowdeyi
Mimosestes dominicana
Pachyzancla bipunctalis

HAWAII:

Aonidiella inornata
Caryedon fuscus
Ceratitis capitata
Ceroplastes rubens
Coccotrypes dactyliperda
Coccus viridis
Cryptorhynchus mangiferae
Dacus cucurbitae
Dacus dorsalis
Dialeurodes citri
Dialeurodes kirkaldyi
Dryophthorus pusillus
Ereunetis flavistriata
Euscapes postfasciatus
Furcaspis biformis
Haplothrips gowdeyi
Lampides boeticus
Lepidosaphes tokionis
Maruca testulalis
Nysius terrestris
Parlatoria crotonis
Parlatoria pseudaspidiotus
Parthenothrips dracaena
Pectinophora gossypiella
Phenacaspis sandwicensis
Pinnaspis buxi
Pseudococcus giffardi
Pseudococcus palmarum
Pulvinaria psidii
Taeniothrips hawaiiensis

HONDURAS:

Acanthoderes circumflexa
Anastrepha mombinpraeoptans
Chrysomphalus tenax
Furcaspis biformis
Metamasius sericeus
Stenoma catenifer
Tenthecoris bicolor

INDIA:

Aspidiotus destructor
Coccotrypes dactyliperda
Cryptorhynchus mangiferae
Dinoderus brevis
Haplothrips gowdeyi
Lepidosaphes mcgregori
Lepidosaphes tuberculata
Monomorium destructor
Paraputo taraktogeni
Pectinophora gossypiella
Sinozylon anale
Sinozylon crassum

INDONESIA:

Monomorium destructor

IRAQ:

Bruchus rufipes

Countries of origin and insects—Continued

IRELAND:

Anaphothrips obscurus
Evergestis forficatus
Hypera postica

ISRAEL:

Ceratitis capitata
Lineaspis striata
Parlatoria cinerea
Polychrosis botrana (?)

ITALY:

Acrolepis assectella
Apion carduorum
Brachycerus albidentatus
Brachycerus alpinus
Bruchus erui

Bruchus signaticornis

Cacoezia pronubana

Ceratitis capitata

Ceroplastes rusci

Cryptoblabes gnidiella

Curculio elephas

Curculio nucum

Dacus oleae

Deroceras reticulatum

Dyspessa ulula

Euphyllippia olivina

Filippia oleae

Gortyna flavago

Hemiteles juliana

Homotoma ficus

Iridomyrmex humilis

Lampetia equestris

Laspeyresia juliana

Laspeyresia splendana

Lepidosaphes ficus

Mamestra brassicae

Megastigmus pistaciae

Myelois ceratoniae

Notochilus damryi

Parlatoria camelliae

Parlatoria oleae

Parlatoria zizyphi

Parnena balteus

Pectinophora gossypiella

Phloeotribus scarabaeoides

Pieris brassicae

Pollinia pollonii

Polychrosis botrana

Prays oleellus

Pyrausta nubilalis

Rhagoletis cerasi

Sesamia cretica

Sparticus villosus

Thrips angusticeps

Trialeurodes lauri

Trupanea stellata

JAMAICA:

Aleurothrixus floccosus

Anastrepha mombinpraeoptans

Anastrepha suspensa

Asterolecanium epidendri

Caryedon fuscus

Chrysomphalus odontoglossi

Cylas formicarius elegantulus

Leucaspis cockerelli

Monomorium destructor

Myelois ceratoniae

Palaeopus costicollis

Paraleyrodes goyabae

Stenomacra anonella

Tetraleurodes acaciae

Vinsonia stellifera

JAPAN:

Aleurolobus marlatti

Aleurotuberculatus similis

Aspidiotus corticis-pini

Aspidiotus pseudomeyeri

Capitophorus formosanus

Ceroplastes ceriferus

Ceroplastes rubens

Chilo simplex

Dinoderus brevis

Gracilaria azaleella

Grapholitha molesta

Hoplosternus japonicus

Iridomyrmex iloi abbotti

JAPAN—Continued

Laphygma eximpta

Lepidosaphes cellis

Lepidosaphes conchiformis

Lepidosaphes kuwacola

Lepidosaphes pallida

Maruca testulalis

Microlepis longipalpis

Monomorium destructor

Parlatoria camelliae

"*Poliopsis*" *pini*

Pyrausta nubilalis

Reticulitermes speratus

Thrips angusticeps

Unaspis yanonensis

KOREA:

Callosobruchus ademptus

Lepidosaphes conchiformis

Pectinophora gossypiella

LEBANON:

Ceratitis capitata

Cryptoblabes gnidiella

Dacus oleae

LIBERIA:

Cylas femoralis

MALTA:

Ceratitis capitata

MEXICO:

Acanthoscelides griseolus

Aceria tulipae

Acroleucus vicinalis

Aleurocanthus woglumi

Aleurodicus dugesii

Aleuroglandulus emmae

Aleuroparadoxus gardeniae

Aleuroplatus coccolus

Aleuroplatus plumosus

Aleurothrixus floccosus

Alpheias conspirata

Amitermes wheeleri

Anastrepha fraterculus

Anastrepha ludens

Anastrepha mombinpraeoptans

Anastrepha serpentina

Anthonomus scutellaris

Aspidiotus destructor

Aspidiotus herculeanus

Asterolecanium epidendri

Aulacaspis tubercularis

Catolothrips ebeninus

Chalcodermus dentiferus

Chrysomphalus agavis

Chrysomphalus personatus

Chrysomphalus sphaeroides

Chrysomphalus tenax

Chrysomphalus tingi

Chrysomphalus umboniferus

Clerada apicornis

Conchaspis angraeci

Conotrachelus aguacatae

Conotrachelus perseae

Cylas formicarius elegantulus

Dendroctonus mexicanus

Dialeurodes citri

Diorymerellus laevimargo

Draeculacephala minerva

Dysdercus mimulus

Epicaerus cognatus

Epinotia opposita

Ethmia festiva

Eucalymnatus tessellatus

Eutheola bidentata

Everes comyntas

Evergestis rimosalis

Exopochiomeria albomaculata

Ferrisia virgata

Furcaspis biformis

Gargaphia patricia

Genuchinus v-notatus

Gerstaeckeria mutillaria

Gnorimoschema gudmannella

Grapholitha packardii

Hemileuca oliviae

Heteropeyella texana

Lecanodiaspis dendrobii

Lepidosaphes carinata

Countries of origin and insects—Continued

MEXICO—Continued

Lepidosaphes philococcus
Leptophobia aripa
Lichtensia lutea
Ligyrocoris aurivilliana
Lineodes integra
Loxostege similalis
Lygaeus circumlinitus
Lygaeus circumplicatus
Malocampa punctata
Micrapate labialis
Monellia costalis
Moodna bisinuella
Mormidea collaris
Myzocallis caryaefoliae
Neoleucinodes elegantalis
Noropsis hieroglyphica
Orthodes melanops
Ozophora consanguinea
Pachyzancla bipunctalis
Pantomorus godmani
Parlatoria cinerea
Pectinophora gossypiella
Platynota rostrana
Praeblossus albofasciatus
Pseudischneaspis alienus
Pseudodiaspis yuccae
Ptinus villiger
Puto lasiorum
Puto mexicanus
Rhagoletis completa
Rhagoletis juglans
Rhagoletis pomonella
Rhopalosiphum subterraneum
Scyphophorus acupunctatus
Selenothrips rubrocinctus
Sisamnes contractus
Sizeonotus luteiceps
Stenoma calenifer
Talponia batesi
"Targionia" bromiliae
"Targionia" cueroensis
Tenthecoris angustimarginatus
Tenthecoris bicolor
Tenthecoris confusus
Tetraleurodes acaciae
Thamnopthorus schwarzi
Tetraleurodes intermedia (?)
Tetraleurodes vitrinellus
Trichobaris mucorea
Trionymus sacchari
Trioza magnoliae
Xylobiops texanum

MONTSERRAT:

Genopaschia protomis (?)

MOROCCO:

Exosoma lusitanica
Lepidosaphes ficus

NETHERLANDS:

Acrolepis assectella
Adoxophyes orana
Dialeurodes chittendeni
Evergestis forficalis
Gracilaria azaleella
Lampetia equestris
Leucaspis loewi
Liosomaphis berberidis
Lygus campestris
Mamestra brassicae
Masonaphis rhododendri
Nematus bergmanni
Phytomyza rufipes
Pityogenes bidentatus
Psylla buxi
Sitona lineata
Strophosoma capitatus
Taeniothrips atratus
Tarsonemus laticeps

NEVIS:

"Targionia" hartii

NICARAGUA:

Anastrepha ludens
Anastrepha mombinpraeoptans
Anastrepha serpentina
Cosmopolites sordidus

NICARAGUA—Continued.

Pinnaspis buxi
Platypus rugulosus

NIGERIA:

Aspidiotus destructor
Cordylomera spinicornis

NORWAY:

Allantus cinctus
Gortyna flavago

PALESTINE:

Ceratitis capitata
Cryptoblabes gnidiella

PANAMA:

Anastrepha mombinpraeoptans
Anastrepha serpentina
Aspidiotus destructor
Asterolecanium epidendri
Chrysomphalus umboniferus
Coccus viridis
Furcaspis biformis
Leucaspis cockerelli
Metamasius sericeus
Stenoma anonella
Stenoma calenifer
Tmetomorpha bitias

PERU:

Aleurocanthus woglumi
Anastrepha serpentina (?)
Epinotia opposita

PHILIPPINES:

Achatina fulica
Aonidiella inornata
Aspidiotus coryphae
Aspidiotus destructor
Aspidiotus excisus
Callosobruchus phaseoli
Caryedon fuscus
Chrysomphalus nulliporus
Chrysomphalus tingi
Dialeurodes kirkaldyi
Lepidosaphes mcgregori
Mertilia malayensis
Nasutitermes luzonicus
Pseudoaonidia trilobitiformis
Pseudococcus palmarum
Pulvinaria psidii
Tadus erirhinoides
Taeniothrips hawaiiensis

POLAND:

Brachyrhinus ovatus
Hypera nigrirostris

PORTUGAL:

Ceratitis capitata
Chaetanaphothrips orchidii
Chrysomphalus diversicolor
Cryptoblabes gnidiella
Curculio elephas
Epinotia tessulatana
Laspeyresia nigricana
Laspeyresia splendana
Metopopiar dilomoides
Microplax plagiatus
Rhagoletis cerasi

PUERTO RICO:

Acanthoscelides armilagei
Anastrepha mombinpraeoptans
Anastrepha suspensa
Ancylostoma stercora
Coccus viridis
Cylas formicarius elegantulus
Exophthalmus roseipes
Frankliniella cubensis
Lepidosaphes ficus
Maruca testulalis
Metamasius sericeus
Pachyzancla perisalis
Pectinophora gossypiella
"Targionia" sacchari

ST. KITTS:

Monomorium destructor
"Targionia" hartii
Vinsonia stellifera

ST. LUCIA:

Chrysomphalus umboniferus
"Targionia" hartii

Countries of origin and diseases—Continued

T. VINCENT:

Callosobruchus phaseoli
Stephanoderes lecontei

AIPAN:

Achatina fulica

ALVADOR:

Anastrepha ludens
Anastrepha mombinpraeoptans
Anastrepha serpentina
Anastrepha striata
Leucaspis cockerelli

COTLAND:

Brachyrhinus singularis
Ceutorhynchus contractus
Gelechia ericetella
Lampetia equestris
Lochmaea caprae
Orthotylus ericetorum
Taeniothrips atratus

IAM:

Monomorium destructor
Parlatoria pseudaspidiotus

OUTH AMERICA:

Coccidella americana
Furcaspis biformis
Pseudaonidia trilobitiformis

PAIN:

Brachycerus algeris
Ceratitidis capitata
Cryptoblabes gnidiella
Curculio elephas
Laspeyresia splendana
Parlatoria zizyphus
Rhagoletis cerasi

WEDEN:

Callidium aeneum
Diecyphus annulatus
Hylurgops palliatus
Ips acuminatus
Pityogenes bidentatus
Pityogenes chalcographus
Rhagoletis cerasi
Taeniothrips atratus

WITZERLAND:

Agallia venosa
Brachyrhinus porcatus
Brachyrhinus rugosostriatus
Parlatoria oleae
Rhyparochromus chiragra
Taeniothrips dianthi

YRIA:

Ceratitidis capitata
Dacus oleae
Monanthia echii

AHITI:

Parlatoria cinerea

RINIDAD:

Anastrepha mombinpraeoptans
Anastrepha striata
Ancylostoma stercorea
Asterolecanium epidendri
Chrysomphalus personatus

TRINIDAD—Continued

Eurytoma orchidearum
Euscepes postfasciatus
Furcaspis biformis
Maruca testulalis
Orthezia praelonga
Palaeopus costicollis
Parlatoria cinerea
Pectinophora gossypiella
Protopulvinaria longivalvata
Protopulvinaria pyriformis
Rhinocenus stigma
Sphenarches caffer
Thamnotettix hyalinapennis
Vinsonia stellifera

TURKEY:

Curculio elephas

UNION OF SOUTH AFRICA:

Argyroploce leucotreta
Asterolecanium stentae
Bostrychophytes cornutus
Carbula trisignata
"Chionaspis" indigoferae
Haplothrips bagnalli
Heterobostrychus brunneus
Lampetia equestris
Morganella longispina
Phlyctinus callosus
Rhagoletis pomonella
Specularius impressithorax

UNKNOWN:

Ceratitidis capitata
Haplothrips goudyei
Laphygma exempta
Pectinophora gossypiella
Rhagoletis pomonella (?)
Stenoma catenifer
Taeniothrips atratus
Taeniothrips dianthi

VENEZUELA:

Asterolecanium epidendri
Aulacaspis tubercularis
Coccus viridis
Deroceras reticulatum
Diatraea busckella
Eurytoma orchidearum
Furcaspis biformis
Iridomyrmex iniquus
Protopulvinaria longivalvata
Pseudischnaspis alienus
Stenoma catenifer
Tenthecoris venezuelensis
Vinsonia stellifera

VIRGIN ISLANDS:

Cylas formicarius elegantulus
Euscepes postfasciatus
Orthezia praelonga
Vinsonia stellifera

YUGOSLAVIA:

Curculio elephas
Epidiaspis piricola
Laspeyresia splendana
Unaspis euonymi

List of pests (diseases) collected and reported from July 1, 1950, to June 30, 1951 inclusive

[An asterisk indicates State inspection]

Disease and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
<i>Alternaria citri</i> Ell. & Pierce:					
<i>Citrus paradisi</i> (grapefruit)	Argentina		1		Pa.
<i>Citrus reticulata</i> (Mandarin orange)	Japan, Mexico	1	2		Calif.,* Tex
<i>Citrus sinensis</i> (orange)	Mexico, Union of South Africa, Yugoslavia.	3	2		Calif.,* N.Y. Pa., Tex.
<i>Citrus</i> sp.	Mexico	1			Tex.
<i>Alternaria dianthi</i> F. L. Stevens & J. G. Hall:					
<i>Dianthus</i> sp.	England			1	Wash.
<i>Gypsophila paniculata</i> (babysbreath)	Mexico	1			Tex.
<i>Alternaria porri</i> (Ell.) Cif.:					
<i>Allium cepa</i> (onion)	do.	1			Tex.
<i>Alternaria raphani</i> Groves & Skolko:					
<i>Mathiola</i> sp. (stock)	do.	1			Tex.
<i>Anguina tritici</i> (Steinbuch) Filip.:					
<i>Triticum aestivum</i> (wheat)	Syria, Turkey			4	D. C.
<i>Aphanomyces raphani</i> Kendr.:					
<i>Raphanus sativus</i> (radish)	Mexico	1			Tex.
<i>Aphelenchoides parietinus</i> (Bastian) Steiner:					
<i>Convallaria</i> sp.	Denmark			1	N. Y.
<i>Aphelenchus avenae</i> Bastian:					
<i>Allium cepa</i> (onion)	Mexico	1			Tex.
<i>Gladiolus</i> sp.	Netherlands			1	N. J.
Soil with cactus plants	Mexico			1	Ariz.
<i>Solanum tuberosum</i> (potato)	do.	2			Tex.
<i>Apiospora camptospora</i> Penz. & Sacc.:					
<i>Saccharum officinarum</i> (sugarcane)	do.	2			Tex.
<i>Apiospora montagnei</i> Sacc.:					
<i>Bamboo</i>	Japan	1			Tex.
<i>Ascochyta citri</i> Penz.:					
<i>Citrus sinensis</i> (orange)	Mexico	1			Tex.
<i>Botryosphaeria ribis</i> Gross. & Dugg.:					
<i>Citrus limon</i> (lemon)	Italy		1		Ala.
<i>Paeonia suffruticosa</i> (tree peony)	Japan			1	Calif.*
<i>Botrytis elliptica</i> (Berk.) Cke.:					
<i>Lilium auratum</i> (goldband lily)	do.			2	Calif.*
<i>Lilium hansonii</i> (hanson lily)	do.			1	Calif.*
<i>Lilium japonicum</i> (Japanese lily)	do.			1	Calif.*
<i>Lilium rubellum</i> (rubellum lily)	do.			1	Calif.*
<i>Lilium speciosum rubrum</i> (pink speciosum lily)	do.			4	Calif.*
<i>Lilium</i> sp.	China, Japan	1		1	Calif.*
<i>Lycoris radiata</i> (shorttube lycoris)	Japan			1	Calif.*
<i>Botrytis galanthina</i> (Berk. & Br.) Sacc.:					
<i>Galanthus nivalis</i> (snowdrop)	Netherlands			5	Calif.*
<i>Galanthus</i> sp.	do.			8	Md., Mass. N. Y., Pa.
<i>Botrytis gladiolorum</i> Timmermans:					
<i>Gladiolus</i> sp.	Austria, Japan, Mexico, Netherlands.	1		9	Calif.,* Mich., Tex.
<i>Tritonia</i> sp.	Netherlands			1	N. J.
<i>Calospora platanoidis</i> (Fr.) Niessl:					
<i>Acer pseudoplatanus</i> (sycamore maple)	Denmark			1	N. J.
<i>Catacauma sabal</i> Chardon:					
Palm	Mexico	2			Tex.
<i>Cercospora angreci</i> Roum.:					
<i>Odontoglossum</i> sp. (orchid)	Belgium			2	N. J.
Orchid	Mexico			1	Tex.
<i>Stanhopea</i> sp. (orchid)	Guatemala			1	N. Y.
<i>Cercospora boconiae</i> Chupp:					
<i>Boconia frutescens</i>	Mexico			1	Tex.
<i>Cercospora centaureae</i> Died.:					
<i>Centaurea cyanus</i> (cornflower)	do.	1			Tex.
<i>Cercospora coffeicola</i> Berk. & Cke.:					
<i>Coffea</i> sp. (coffee)	do.			1	Ariz.
<i>Cercospora duddiae</i> Welles:					
<i>Allium cepa</i> (onion)	do.	1			Tex.
<i>Cercospora fraxinites</i> Ell. & Ev.:					
<i>Fraxinus</i> sp. (ash)	do.	4			Tex.

List of pests (diseases) collected and reported from July 1, 1950, to June 30, 1951
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Disease and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
<i>Cospora gossypina</i> Cke.:					
<i>Gossypium</i> sp. (cotton; leaf)	Mexico	1			Tex.
<i>Cospora handelii</i> Bub.:					
<i>Rhododendron</i> sp.	Netherlands			1	N. J.
<i>Cospora insulana</i> (Sacc.) Chupp:					
<i>Simonium sinuatum</i>	Mexico	1			Tex.
<i>Simonium</i> sp.	do	1			Tex.
<i>Cospora kaki</i> Ell. & Ev.:					
<i>Diospyros kaki</i> (kaki persimmon)	Japan		1		Calif.*
<i>Cospora lippiae</i> Ell. & Ev.:					
<i>Lippia alba</i>	Mexico	1			Tex.
<i>Cospora lythracearum</i> Heald & Wolf:					
<i>Punica granatum</i> (pomegranate)	do	1			Tex.
<i>Cospora mangiferae</i> Koord.:					
<i>Mangifera indica</i> (mango)	do		1		Calif.
<i>Cospora musae</i> Zimm.:					
<i>Musa paradisiaca sapientum</i> (banana)	Canal Zone, Colombia, Costa Rica, Guatemala, Honduras, Mexico, Nigeria, Panama.	55			Calif., Calif.*, Md., N. Y., Pa., Tex.
<i>Cospora nepetae</i> Tehon:					
<i>Nepeta</i> sp.	Mexico	1			Tex.
<i>Cospora neriella</i> Sacc.:					
<i>Nerium oleander</i> (oleander)	Bermuda			1	N. Y.
<i>Cospora purpurea</i> Cke.:					
<i>Laurus</i> sp.	Mexico	1			Ariz.
<i>Rebella andropogonis</i> Ces.:					
<i>Paspalum dilatatum</i> (dallas grass)	Australia			1	D. C.
<i>Tricholaena repens</i> (Natal grass)	Venezuela			1	D. C.
<i>Rhospora lunata</i> Shear:					
<i>Rhododendron</i> sp.	Netherlands			1	N. J.
<i>Leatonium contortum</i> Pk.:					
<i>Zantedeschia aethiopica</i> (callalily)	do			1	N. J.
<i>Zantedeschia</i> sp.	do			1	N. J.
<i>Diodecton sanguineum</i> (Sw.) Wain.:					
<i>Cattleya</i> sp. (orchid)	Brazil			1	Calif.*
<i>Clamydomyces palmarum</i> (Cke.) Mason:					
<i>Begonia</i> sp.	Belgium			1	Calif.*
<i>Oryzomyza rhododendri</i> (DC.) D By.:					
<i>Rhododendron ferrugineum</i>	Austria, Switzerland, unknown, England	7	1		Mass., N. Y.
<i>Rhododendron</i> sp.				1	Wash.
<i>Ustilidium oryzae</i> Sacc. & Syd.:					
<i>Oryza sativa</i> (rice)	India, Japan	1	1		Calif.*
<i>Ustilidium pisicola</i> Snyder.:					
<i>Pisum sativum</i> (pea)	Mexico, Portugal	3	1		Md., Tex.
<i>Conostachys araucaria</i> Cda.:					
<i>Ceanothus</i> sp.	Netherlands			1	Wash.
<i>Ustilidium domingense</i> (Berk.) Arth.:					
<i>Plumeria</i> sp.	Canal Zone			1	Fla.
<i>Ustilidium ipomoeae</i> (Schw.) Burr.:					
<i>Ipomoea</i> sp. (morning-glory)	Mexico	1			Tex.
<i>Ustilidium cajani</i> Rangel:					
<i>Cajanus cajan</i> (pigeonpea)	Puerto Rico	4			N. Y., P. R.
<i>Ustilidium coffeanum</i> Noack:					
<i>Coffea</i> sp. (coffee)	Venezuela	1			Tex.
<i>Ustilidium falcatum</i> Went:					
<i>Saccharum officinarum</i> (sugarcane)	Bahamas, Cuba, Mexico	2	1		Fla.,* Tex.
<i>Ustilidium graminicolum</i> (Ces.) G. W. Wils.:					
<i>Sorghum vulgare technicum</i> (broomcorn)	Italy, Mexico	2			Md., Tex.
<i>Zea mays</i> (corn)	Germany	1			Pa.
<i>Ustilidium liliacearum</i> (Schw.) Ferr.:					
<i>Lilium</i> sp.	Australia			1	Calif.*
<i>Ustilidium lilii</i> Plakidas:					
<i>Lilium auratum</i> (goldband lily)	Japan			20	Calif.,* Oreg.
<i>Lilium formosanum</i> (Formosa lily)	do			1	Calif.*
<i>Lilium giganteum</i> (giant lily)	do			1	Calif.*
<i>Lilium hansonii</i> (hanson lily)	do			2	Calif.*
<i>Lilium henryi</i> (henry lily)	do			2	Calif.*

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<i>Colletotrichum lilii</i> Plakidas—Continued					
<i>Lilium japonicum</i> (Japanese lily)	Japan			2	Calif.*
<i>Lilium longiflorum</i> (Easter lily)	do			3	Calif.*
<i>Lilium neilgherrense</i>	India			1	Calif.*
<i>Lilium rubellum</i> (rubellum lily)	Japan			2	Calif.*
<i>Lilium speciosum rubrum</i> (pink speciosum lily)	do			25	Calif.,* Wash.
<i>Lilium tigrinum</i> (tiger lily)	do			1	Calif.*
<i>Lilium wallichianum</i> (wallich lily)	India			1	Wash.
<i>Lilium</i> sp.	Bermuda, China, India, Japan.	18		5	Calif.,* N.
<i>Colletotrichum pisi</i> Pat.:					
<i>Pisum sativum</i> (pea)	Mexico	1			Tex.
<i>Colletotrichum pisicola</i> Snyder:					
<i>Pisum sativum</i> (pea)	Portugal		1		Md.
<i>Colletotrichum trichellum</i> (Fr.) Duke:					
<i>Hedera helix</i> (English ivy)	Germany			1	N. J.
<i>Hedera</i> sp. (ivy)	Ireland			1	N. Y.
<i>Coniosporium agaves</i> Pass.:					
<i>Agave</i> sp. (century plant)	Mexico	1			Tex.
<i>Coniosporium chusqueae</i> Speg.:					
<i>Chusquea quila</i> (quila)	Chile	1			N. Y.
<i>Coniothecium quercina</i> Sacc.:					
<i>Quercus</i> sp. (oak)	Mexico	1			Tex.
<i>Coniothyrium cytisallum</i> (Pass. & Thum.) Sacc.:					
<i>Laburnum watereri</i>	Netherlands			10	N. J.
<i>Coniothyrium hellebori</i> Cke. & Mass.:					
<i>Helleborus niger</i> (Christmas-rose)	Netherlands, Switzerland.			8	N. J.
<i>Coniothyrium olivaceum</i> Bon.:					
<i>Laburnum</i> sp.	Netherlands			1	N. J.
<i>Wisteria</i> spp.	Japan			2	Calif.*
<i>Coniothyrium pirinum</i> (Sacc.) Sheldon:					
<i>Malus sylvestris</i> (apple)	Mexico	2			Tex.
<i>Coryneum carpophilum</i> (Lev.) Jauch:					
<i>Prunus persica</i> (peach)	do	1			Tex.
<i>Cryptodiaporthe salicina</i> (Curr.) Wehm.:					
<i>Salix discolor</i> (pussy willow)	Netherlands	1			N. Y.
<i>Curvularia lunata</i> (Wakk.) Boed.:					
<i>Gladiolus</i> sp.	Mexico	1			Tex.
<i>Cymadothea trifolii</i> (Fr.) Wolf:					
<i>Trifolium</i> sp. (clover)	France	1			N. Y.
<i>Cytospora ceralophora</i> Sacc.:					
<i>Castanea</i> sp. (chestnut)	England	1			Pa.
<i>Cytospora chrysosperma</i> Fr.:					
<i>Salix discolor</i> (pussy willow)	Netherlands	1			N. Y.
<i>Cytospora rhoisa</i> Fr.:					
<i>Cotinus coggygia</i> (smoketree)	England			1	N. J.
<i>Cytospora salicis</i> (Cda.) Rab.:					
<i>Salix</i> sp.	Argentina, France	1	1		La., Mass
<i>Dendryphium obstipum</i> Pollack:					
<i>Colocasia esculenta</i> (dasheen)	China	2			Calif.*
<i>Dendryphium toruloides</i> (Fres.) Sacc.:					
<i>Maxillaria</i> sp.	Mexico			1	Tex.
<i>Diaporthe eres</i> Nits.:					
<i>Wisteria</i> spp.	Japan			1	Calif.*
<i>Dibotryon morbosum</i> (Schw.) Theiss. & Syd.:					
Unknown shrub or tree	Mexico	1			Tex.
<i>Diplocarpon earliana</i> (Ell. & Ev.) Wolf:					
<i>Fragaria</i> sp. (strawberry)	Czechoslovakia			1	Md.
<i>Diplocarpon rosae</i> Wolf:					
<i>Rosa</i> sp. (rose)	Brazil	1			P. R.
<i>Diplodia cococarpa</i> Sacc.:					
<i>Cocos nucifera</i> (coconut)	Guam, Hawaii, Marshall Islands, Nigeria, Philippines.	26			Calif.*
<i>Diplodia epicocos</i> Cke.:					
<i>Cocos nucifera</i> (coconut)	Kwajalein Island	1			Hawaii.

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<i>Diplodia gossypina</i> Cke.: <i>Ipomoea batatas</i> (sweetpotato).....	Mexico.....		1		Tex.
<i>Morus</i> sp. (mulberry).....	Bahamas.....			2	Tex.
<i>Nymphaea</i> sp. (waterlily).....	China.....	1			Wash.
<i>Diplodia henriquesiana</i> Trav. & Spessa: <i>Vanda gigantea</i> (orchid).....	Siam.....			1	N. J.
<i>Diplodia paraphysaria</i> Sacc.: <i>Trichopilia</i> sp. (orchid).....	Canal Zone.....			1	Calif.*
<i>Diplodia sedicola</i> Cke. & Harkn.: <i>Sedum</i> sp.....	Mexico.....			1	D. C.
<i>Diplodia theobromae</i> (Pat.) Nowell: <i>Bamboo</i>	India.....	1			N. Y.
<i>Cucurbita pepo</i> (pumpkin).....	Brazil.....		1		Pa.
<i>Garcinia mangostana</i> (mangosteen).....	India.....	1			N. Y.
<i>Kigelia pinnata</i>	Union of South Africa.....	1			Mass.
<i>Palm</i>	Mexico.....	1			Tex.
<i>Diplodina eurhododendri</i> Voss: <i>Rhododendron</i> sp.....	Netherlands.....			2	N. J.
<i>Diplodina grossulariae</i> Sacc. & Briard: <i>Ribes</i> sp.....	Germany.....			1	N. J.
<i>Diplodina rostrupii</i> Vest.: <i>Leucothoe catesbaei</i>	Netherlands.....			1	N. J.
<i>Pieris floribunda</i>	do.....			1	N. J.
<i>Discella carbonacea</i> (Fr.) Berk. & Br.: <i>Salix discolor</i> (pussy willow).....	do.....	1			N. Y.
<i>Discosia artocreas</i> Fr.: <i>Camellia japonica</i> (camellia).....	Japan.....			4	Calif.*
<i>Rhododendron</i> sp.....	Canada.....			1	Wash.
<i>Ditylenchus dipsaci</i> (Kuhn) Filip.: <i>Allium cepa</i> (onion).....	Mexico.....	1			Ariz.
<i>Tigridia</i> sp.....	Netherlands.....			1	Pa.
<i>Ditylenchus iridis</i> Steiner: <i>Iris ziphium</i> (Spanish iris).....	do.....			1	Calif.*
<i>Elsinoe australis</i> Bitanc. & Jenkins: <i>Citrus aurantifolia</i> (sour lime).....	Brazil.....		4		La., Md., Tex.
<i>Citrus aurantifolia</i>	Paraguay.....	1			Fla.*
<i>Citrus limon</i> (lemon).....	Argentina, Brazil, Ecuador.....	1	32		Ala., Calif.,* La., Md., Mass., N. Y., Pa., Tex.
<i>Citrus sinensis</i> (orange).....	Argentina, Brazil, Unknown, Uruguay.....	2	61		Ala., Calif.,* Fla.,* La., Md., Mass., N. Y., Pa., Tex., Va.
<i>Citrus</i> sp. (orange).....	Argentina, Brazil, Uruguay.....		4		Fla.,* Md., N. Y.
<i>Elsinoe fawcettii</i> Bitanc. & Jenkins var. <i>scabiosa</i> Jenkins: <i>Citrus limon</i> (lemon).....	Australia.....		2		La., Mass.
<i>Elsinoe phaseoli</i> Jenkins: <i>Phaseolus lunatus macrocarpus</i> (lima bean).....	Cuba, Puerto Rico.....	6			N. Y., P. R.
<i>Entomosporium maculatum</i> Lev.: <i>Cydonia oblonga</i> (quince).....	Mexico.....	1			Tex.
<i>Entyloma dahliae</i> Syd.: <i>Dahlia</i> sp.....	Denmark.....	1			N. Y.
<i>Erwinia citrimaculans</i> (Doidge) Magrou: <i>Citrus sinensis</i> (orange).....	Union of South Africa.....		1		Tex.
<i>Exobasidium vaccinii</i> (Fekl.) Wor.: <i>Rhododendron carolinianum</i>	Netherlands.....			1	N. J.
<i>Rhododendron laetevirens</i>	do.....			1	N. J.
<i>Fabraea maculata</i> Atk.: <i>Cydonia oblonga</i> (quince).....	Mexico.....	2			Tex.

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<i>Fusarium oxysporum</i> Schlecht f. <i>gladioli</i> (Massey) Snyder & Hansen: <i>Gladiolus</i> sp.-----	Netherlands, Virgin Islands.	-----	-----	9	D. C., La., N. Y., Tex., Va.
<i>Fusarium oxysporum</i> Schlecht. f. <i>medicaginis</i> (Weimer) Snyder & Hansen: <i>Medicago sativa</i> (alfalfa)-----	Mexico-----	-----	-----	1	Calif.*
<i>Fusarium oxysporum</i> Schlecht. f. <i>narcissi</i> (Cke. & Mass.) Snyder & Hansen: <i>Narcissus</i> sp.-----	Netherlands-----	-----	-----	9	Calif.,* N. Y., S. C., Tex.
<i>Fusarium oxysporum</i> Schlecht. f. <i>tuberosi</i> (Wr.) Snyder & Hansen: <i>Solanum tuberosum</i> (potato)-----	Mexico-----	1	-----	-----	Tex.
<i>Gliomastix convoluta</i> (Harz.) Mason: <i>Lilium regale</i> (royal lily)-----	Netherlands-----	-----	-----	1	Calif.*
<i>Lilium tenuifolium</i> (coral lily)-----	do-----	-----	-----	1	Calif.*
<i>Orania macrocladus</i> (palm)-----	Straits Settlements-----	-----	-----	1	Calif.*
<i>Solanum tuberosum</i> (potato)-----	Australia, China, Japan, Netherlands, Sweden, China, Japan-----	-----	5	-----	Calif.* Calif.*
<i>Zingiber officinale</i> (ginger)-----	-----	53	-----	-----	-----
<i>Gloeosporium aquifolii</i> Penz. & Sacc.: <i>Ilex aquifolium</i> (English holly)-----	France-----	-----	1	-----	N. Y.
<i>Gloeosporium catechu</i> Syd.: <i>Areca catechu</i> (betel palm)-----	Philippines-----	-----	1	-----	Calif.*
<i>Gloeosporium leguminosum</i> (Cke.) Sacc.: <i>Prosopis</i> sp. (mesquite)-----	Mexico-----	-----	1	-----	Tex.
<i>Gloeosporium olivarum</i> Alm.: <i>Olea europaea</i> (olive)-----	Cyprus, Italy-----	3	1	-----	N. Y., Tex.
<i>Gloeosporium perennans</i> Zeller & Childs: <i>Malus sylvestris</i> (apple)-----	Sweden-----	-----	1	-----	N. Y.
<i>Gloeosporium piperatum</i> Ell. & Ev.: <i>Capsicum frutescens</i> (pepper)-----	Mexico-----	-----	1	-----	Tex.
<i>Gymnosporangium haraezanum</i> Syd.: <i>Juniperus chinensis</i> (Chinese juniper)-----	Japan-----	-----	-----	4	Calif.*
<i>Gymnosporangium japonicum</i> Syd.: <i>Juniperus chinensis</i> -----	do-----	-----	-----	1	Calif.*
<i>Gymnosporangium juniperi</i> Lk.: <i>Sorbus aucuparia</i> (European mountain-ash)-----	Sweden-----	-----	-----	1	N. Y.
<i>Gymnosporangium juniperinum</i> (Pers.) Mart.: <i>Sorbus aucuparia</i> -----	Norway, Sweden-----	-----	-----	2	N. Y.
<i>Helminthosporium oryzae</i> Breda de Haan: <i>Oryza sativa</i> (rice)-----	China-----	-----	1	-----	Calif.*
<i>Hendersonia sabaleos</i> Ces.: Palm-----	Union of South Africa-----	-----	1	-----	Mass.
<i>Heterodera avenae</i> Eidam: Soil with bagging-----	England-----	-----	1	-----	N. Y.
Soil with pine-----	Isle of Man-----	-----	-----	1	N. Y.
Soil with potatoes-----	Netherlands-----	-----	-----	1	Pa.
Soil with rutabagas-----	England-----	-----	-----	1	Pa.
<i>Heterodera cacti</i> Filip. & Schuurmans Stekhoven: Soil with cactus-----	France, Israel-----	-----	-----	3	N. J., N. Y.
Soil with cactus and succulents-----	France-----	-----	-----	1	N. J.
Soil with <i>Epiphyllum</i> sp-----	Mexico-----	-----	-----	1	Calif.*
Soil with <i>Mammillaria</i> sp-----	do-----	-----	-----	3	Calif.,* Tex.
Soil with unknown plants-----	Italy-----	-----	-----	1	N. Y.
<i>Heterodera punctata</i> Thorne: Soil on an old army truck-----	Germany-----	-----	1	-----	N. Y.
Soil with bagging-----	England, Netherlands, Scotland-----	-----	4	-----	N. Y., Pa.
Soil with bulbs-----	Denmark, England-----	-----	-----	2	Ill., N. Y.
Soil with cactus-----	England, Israel-----	-----	-----	2	N. J., N. Y.
Soil with cactus and sedum-----	England-----	-----	-----	1	N. Y.
Soil with carrots-----	Sweden-----	-----	1	-----	Pa.
Soil with cockscomb-----	England-----	-----	-----	1	N. Y.
Soil with coleus-----	Iceland-----	-----	-----	1	N. Y.
Soil with currant plants-----	England-----	-----	-----	1	N. Y.

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<i>Heterodera punctata</i> —Continued					
Soil with cyclamen	England			1	N. Y.
Soil with <i>Cymbidium</i> sp.	do			1	N. Y.
Soil with forget-me-not	Germany			1	N. Y.
Soil with heather	England, Scotland	1		2	N. Y.
Soil with <i>Laurus</i> sp.	Spain			1	N. Y.
Soil with narcissus bulbs	Ireland			1	N. Y.
Soil with onion sets	Netherlands			1	N. Y.
Soil with packing around dishes	Germany	1		1	N. Y.
Soil with phlox plants	do			1	N. Y.
Soil with pine	Isle of Man			1	N. Y.
Soil with various plants	Germany, Spain, Sweden, Switzerland	1		3	N. J., N. Y.
Soil with potatoes	England, Norway, Sweden	1	3		N. Y., Pa.
Soil with primrose plants	England			1	N. Y.
Soil with rose bush	do			1	N. Y.
Soil with <i>Sedum</i> sp. and cacti	do			1	N. Y.
Soil with <i>Sedum</i> sp.	Austria			1	N. Y.
Soil with shamrock	Ireland			1	N. Y.
Soil with spruce and oak trees	Germany			1	N. Y.
Soil with succulents and rhododendrons	Scotland			1	N. J.
Soil with miscellaneous trees	Spain			1	N. Y.
Soil from used urns	England	1			N. Y.
<i>Heterodera rostochiensis</i> Wr.:					
Soil on an old army truck	Germany	1			N. Y.
Soil with asparagus fern	England			1	N. Y.
Soil with bagging	Belgium, England, Netherlands, Scotland	57			Mass., N. Y., Pa., Va.
Soil with beets	England		1		N. Y.
Soil with begonia plants	Denmark			1	N. Y.
Soil with begonia tubers	Germany			1	N. Y.
Soil with bulbs	Denmark			1	Ill.
Soil with cactus and sedum plants	England			1	N. Y.
Soil with carrots	do		1		Wash.
Soil with chrysanthemum cuttings	do			1	N. J.
Soil with clematis plants	England, Switzerland			2	N. Y.
Soil with <i>Convallaria</i> sp.	England, Finland			2	Md., N. J.
Soil with old cordage	England	1			N. Y.
Soil with current plants	England, Sweden			3	N. Y.
Soil with cyclamen plants	Netherlands			1	N. Y.
Soil with dahlia tubers	England, Ireland, Scotland			4	N. J., N. Y.
Soil with fern	England, Netherlands			2	N. Y.
Soil with <i>Fragaria</i> sp.	England			1	N. J.
Soil with geranium plant	England, Germany, Ireland			3	N. J., N. Y.
Soil with <i>Glecoma hederacea</i> plant	Ireland			1	N. Y.
Soil with gloxinia plant	Luxembourg, Norway			2	N. Y.
Soil with gooseberry, currant, and plum plants	Sweden			1	N. Y.
Soil with heath	Scotland			1	Calif.*
Soil with heather	England, Scotland	1		6	N. J., N. Y.
Soil with heather and potatoes	Scotland	8			N. J., N. Y.
Soil with iris and gladiolus bulbs	England			1	N. Y.
Soil with jute bagging	do	1			N. Y.
Soil with kale and shamrock plants	Ireland			1	N. Y.
Soil with lavender plants	England, Ireland			3	N. Y.
Soil with leeks	Ireland		1		N. Y.
Soil with lily bulbs	England, Scotland			2	N. J., N. Y.
Soil with lily-of-the-valley pips	Netherlands			1	N. Y.
Soil with myrtle plant	Germany			1	N. Y.
Soil with narcissus bulbs and dahlia roots	Ireland			1	N. Y.
Soil with oat straw packing	England	1			N. Y.
Soil with onion sets	Netherlands			1	N. Y.
Soil with hay packing around dishes	Germany	1			N. Y.
Soil with packing for old toys	England	1			N. J.
Soil with perennials	Ireland			1	N. Y.

List of pests (diseases) collected and reported from July 1, 1950, to June 30, 1951, inclusive—Continued

[An asterisk indicates State inspection]

Disease and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
<i>Heterodera rostochiensis</i> —Continued					
Soil with various plants	England, Germany, Scotland			6	N. Y.
Soil with potatoes	Denmark, England, Germany, Ireland, Norway, Scotland, Spain	4	14	3	Calif.,* N. Y., Pa., Tex., Va., Wash.
Soil with raspberry plants	Sweden			1	N. Y.
Soil with rhododendron plant	Scotland			1	Mass.
Soil with <i>Sedum</i> sp. plants	Poland			1	N. Y.
Soil with shallot	Wales			1	N. Y.
Soil with shamrocks	Ireland, Scotland	3		3	Calif.,* Mass., N. Y., Pa.
Soil with strawberry plants	Denmark			1	N. Y.
Soil with strawberry, gooseberry, and carnation plants	England			1	N. Y.
Soil with thyme plants	England			1	N. Y.
Soil with tulip bulbs	do			1	N. Y.
Soil with violet roots	do			1	Calif.*
Soil with woody cuttings	Scotland			1	N. Y.
Soil	Ireland	1			N. Y.
Sweepings from floor of lighter	Scotland	1			N. Y.
<i>Heterodera schachtii</i> Schmidt:					
Soil with beets	Italy		1		Wash.
Soil with grape and fig plants	do			1	N. Y.
<i>Heterosporium iridis</i> (Fautr. & Roum.) Jacques:					
<i>Gladiolus</i> sp.	Mexico	1			Tex.
<i>Iris germanica</i> (German iris)	New Zealand			1	Calif.*
<i>Heterosporium ornithogali</i> (Klotzsch) Cke.:					
<i>Ornithogalum thyrsoides</i> (chinkerichee)	Union of South Africa	4			Mass., Mich., N. Y., Pa.
<i>Hormiscium pinophilum</i> (Nees) Lind.:					
<i>Abies balsamea</i> (balsam fir)	Norway	1			Minn.
<i>Abies</i> sp. (fir)	Germany	1			N. Y.
<i>Hormodendron cladosporioides</i> (Fres.) Sacc.:					
<i>Musa paradisiaca sapientum</i> (banana)	Honduras	1			S. C.
<i>Hypocrella caulium</i> (Berk. & Curt.) Pat.:					
<i>Citrus reticulata</i> (Mandarin orange)	Trinidad	1			N. Y.
<i>Iscaria clavata</i> Ditm. (?)					
<i>Cocos nucifera</i> (coconut)	Mexico	1			Calif.*
<i>Isariopsis griseola</i> Sacc.:					
<i>Phaseolus vulgaris</i> var. (string bean)	Puerto Rico	2			N. Y.
<i>Lembosia agave</i> Earle:					
<i>Agave</i> sp.	do	1			P. R.
Leprosis:					
<i>Citrus sinensis</i> (orange)	Bolivia, Brazil	1	1		Mass., Tex.
<i>Leptosphaeria eustomoides</i> Sacc.:					
<i>Triticum aestivum</i> (wheat)	Germany	1			Calif.*
<i>Leptosphaeria rusci</i> (Wallr.) Sacc.:					
<i>Ruscus cladodes</i>	Italy	1			Pa.
<i>Leptosphaeria vagabunda</i> Sacc.:					
<i>Chrysanthemum zawadskii</i>	Canada			1	N. J.
<i>Leptostromella hysterioides</i> (Fr.) Sacc. (?)					
<i>Paeonia suffruticosa</i> (tree peony)	Japan			1	Calif.*
<i>Leptothyrium pomi</i> (Mont. & Fr.) Sacc.:					
<i>Malus sylvestris</i> (apple)	Mexico	1			Tex.
<i>Lophodermium arundinaceum</i> (Fr.) Chev.:					
<i>Phragmites communis</i> (reed)	Netherlands	1			Md.
<i>Lophodermium pinastri</i> (Fr.) Chev.:					
<i>Pinus</i> sp. (pine)	Japan			1	Calif.*
<i>Macrophoma epidendri</i> Keissl.:					
<i>Schomburgkia</i> sp. (orchid)	Mexico			1	Tex.
<i>Macrophoma musae</i> (Cke.) Berl. & Vogl.:					
<i>Musa paradisiaca sapientum</i> (banana)	Costa Rica, Hawaii, India, Mexico, Panama	5	1		Calif.,* Hawaii.

List of pests (diseases) collected and reported from July 1, 1950, to June 30, 1951, inclusive—Continued

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Disease and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
<i>Macrophomina phaseolina</i> (Tassi) Gold.:					
<i>Ipomoea batatas</i> (sweetpotato).....	Japan, Mexico.....		2		Calif.*
<i>Solanum tuberosum</i> (potato).....	Japan.....		1		Calif.*
<i>Marssonina fraxini</i> Ell. & Davis:					
<i>Fraxinus</i> sp. (ash).....	Mexico.....	1			Tex.
<i>Marssonina juglandis</i> (Lib.) Magn.:					
<i>Juglans</i> sp. (walnut).....	Italy.....	1			Mass.
<i>Melanospora zamiae</i> Cda.:					
<i>Zingiber officinale</i> (ginger).....	China.....	41			Calif.*
<i>Meliola citricola</i> Syd.:					
<i>Citrus grandis</i> (pummelo).....	do.....	1			Calif.*
<i>Meloidogyne arenaria</i> (Neal) Chitwood:					
<i>Begonia</i> sp.....	Belgium.....			1	N. J.
<i>Clematis</i> sp.....	Netherlands.....			1	N. J.
<i>Memnoniella echinata</i> (Rivolta) L. O. Gall.:					
<i>Lilium longiflorum</i> (Easter lily).....	Japan.....			1	Calif.*
<i>Zingiber officinale</i> (ginger).....	China, Japan, Tahiti.....	75			Calif.*
<i>Metasphaeria hibiscicola</i> Rehm:					
<i>Hibiscus</i> sp.....	Trinidad.....			1	N. Y.
<i>Microperella quercus</i> Hoehn:					
<i>Quercus</i> sp. (oak).....	Japan.....	1			Wash.
<i>Microthyrium microscopium</i> Desm.:					
<i>Buxus</i> sp.....	Netherlands.....			1	N. J.
<i>Monilinia fructicola</i> (Wint.) Honey:					
<i>Malus sylvestris</i> (apple).....	New Zealand.....	1			N. Y.
<i>Monilinia fructigena</i> (Aderh. & Ruhl.) Honey:					
<i>Cydonia oblonga</i> (quince).....	Italy.....	1			N. Y.
<i>Malus sylvestris</i> (apple).....	England.....		1		Pa.
<i>Pyrus communis</i> (pear).....	Italy, Sweden.....		2		Calif.,* N. Y.
<i>Mycena citricolor</i> (Berk. & Curt.) Sacc.:					
[<i>Omphalia flavida</i> Maubl. & Rangel]					
<i>Gardenia augusta</i> (gardenia).....	Guatemala, Mexico.....	3			Calif., La., Tex.
<i>Mycosphaerella advena</i> Syd.:					
<i>Chamaedorea</i> sp. (palm).....	Mexico.....	1			Tex.
<i>Mycosphaerella clintoniana</i> House:					
<i>Rhododendron</i> sp.....	Netherlands.....			1	Wash.
<i>Mycosphaerella opuntiae</i> (Ell. & Ev.) Dearn.:					
<i>Echinocactus</i> sp. (cactus).....	Mexico.....			1	Tex.
<i>Mycosphaerella palmarum</i> Miles:					
Palm.....	do.....	1			Tex.
<i>Mycosphaerella pomi</i> (Pass.) Lindau:					
<i>Malus sylvestris</i> (apple).....	New Zealand.....		1		Pa.
<i>Mycosphaerella punctiformis</i> (Pers.) Schroet.:					
<i>Andromeda</i> sp.....	Netherlands.....			1	N. J.
<i>Mycosphaerella rhododendri</i> (Cke.) G. H. Martin:					
<i>Rhododendron</i> sp.....	do.....			1	N. J.
<i>Mycosphaerella stemmatea</i> (Fr.) Rom.:					
<i>Vaccinium vitis-idaea</i> (cowberry).....	Sweden.....			1	Wash.
<i>Myriangium duriae</i> Mont.:					
<i>Citrus sinensis</i> (orange).....	Siam.....		1		Va.
<i>Mytilidion decipiens</i> (Karst.) Sacc.:					
<i>Juniperus</i> sp. (juniper).....	Japan.....			1	Wash.
<i>Nigrospora sphaerica</i> (Sacc.) Mason:					
<i>Cymbopogon citratus</i> (lemon grass).....	Iraq.....		1		Calif.*
<i>Oryza sativa</i> (rice).....	Japan.....	2			Calif.*
<i>Ophiostoma narcissi</i> Limber:					
<i>Narcissus</i> sp.....	England, Germany, Netherlands.....			13	N. J., N. Y.
<i>Papularia arundinis</i> (Cda.) Fr.:					
<i>Phragmites communis</i> (reed).....	Netherlands.....	1			Tex.
<i>Papularia sphaerosperma</i> (Fr.) Hoehn.:					
Bamboo.....	Japan.....	1			Wash.
<i>Papularia vinosa</i> (Berk. & Curt.) Mason:					
Bamboo.....	Mexico.....	1			Ariz.
<i>Papulaspora coprophila</i> (Zukal) Hotson:					
<i>Tulipa</i> sp. (tulip).....	Netherlands.....			1	N. J.

List of pests (diseases) collected and reported from July 1, 1950, to June 30, 1951, inclusive—Continued

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Disease and host	Country of origin	Number of interceptions in—			Collected in—
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<i>Papulaspora parasitica</i> (Eidam) Harz:					
<i>Gladiolus</i> sp.	Japan			1	Calif.*
<i>Ricinis communis</i> (castor-bean)	Philippines	1			Calif.*
<i>Paraphelenchus amblyurus</i> Steiner:					
<i>Iris kaempferi</i> (Japanese iris)	Japan			1	Calif.*
<i>Peronospora effusa</i> (Grev.) Rab.:					
<i>Spinacia oleracea</i> (spinach)	Mexico	8			Ariz.
<i>Pestalotia conspicua</i> Servazzi:					
<i>Cattleya</i> sp. (orchid)	Brazil			1	Calif.*
<i>Cymbidium</i> sp. (orchid)	Fiji Islands			1	Hawaii.
<i>Dendrobium johannis</i> (orchid)	Australia			1	Hawaii.
<i>Epidendrum prismatocarpum</i> (orchid)	Costa Rica			1	Fla.
Orchid	Honduras			1	Tex.
<i>Stanhopea</i> sp. (orchid)	Mexico			1	Tex.
<i>Pestalotia diospyri</i> Syd.:					
<i>Diospyros kaki</i> (kaki persimmon)	Japan	1			Calif.*
<i>Pestalotia disseminata</i> Thuem.:					
<i>Eucalyptus</i> sp.	Mexico	1			Tex.
<i>Pestalotia funerea</i> Desm.:					
<i>Araucaria araucana</i> (monkeypuzzle)	Scotland			1	N. Y.
<i>Pestalotia quepini</i> Desm.:					
<i>Camellia</i> sp.	Azores, France, Japan	1		3	Calif.,* Mass.
<i>Rhododendron obtusum</i>	Japan			1	Wash.
<i>Pestalotia japonica</i> Syd.:					
<i>Acer palmatum</i> (Japanese maple)	do			1	Calif.*
<i>Pestalotia macrotricha</i> Kleb.:					
<i>Pieris japonica</i> (Japanese andromeda)	Netherlands			1	N. J.
<i>Rhododendron</i> sp.	do			1	Wash.
<i>Pestalotia paeoniae</i> Maubl.:					
<i>Paeonia suffruticosa</i> (tree peony)	Japan			2	Calif.*
<i>Pestalotia palmarum</i> Cke.:					
<i>Cocos nucifera</i> (coconut)	Cuba, Hawaii, Marshall Islands, Philippines.	7	1	1	Calif.,* Pa.
Palm	Mexico	1			Tex.
<i>Pestalotia psidii</i> Pat.:					
<i>Psidium guajava</i> (guava)	do	1			Tex.
<i>Pestalotia rhododendri</i> (D. Sacc.) Guba:					
<i>Rhododendron</i> sp.	Netherlands			2	N. J., Wash.
<i>Peizizella oenotherae</i> (Cke. & Ell.) Sacc.:					
<i>Rosa</i> sp.	do			1	N. J.
<i>Phaeosphaeria oryzae</i> Miyake:					
<i>Oryza sativa</i> (rice)	Japan	1			Calif.*
<i>Phakospora desmum</i> (Berk. & Br.) Cumm.:					
<i>Gossypium</i> sp. (cotton)	Puerto Rico	1			P. R.
<i>Phlyctaena ranunculacearum</i> Hoehn.:					
<i>Paeonia suffruticosa</i> (tree peony)	Japan			1	Calif.*
<i>Paeonia</i> sp.	do			1	Calif.*
<i>Phoma citricarpa</i> McAlp.:					
<i>Citrus grandis</i> (pummelo)	China	2	1		Calif.*
<i>Citrus limon</i> (lemon)	China, New Zealand, Union of South Africa.		4		Calif.,* La., Mass.
<i>Citrus paradisi</i> (grapefruit)	Union of South Africa		1		Md.
<i>Citrus reticulata</i> (Mandarin orange)	China, Japan	55	3		Calif.,* Mass., Minn., N. Y.
<i>Citrus sinensis</i> (orange)	Australia, China, Fiji Islands, Japan, Union of South Africa.	39	9		Calif.,* Hawaii, Mass., Md., Pa.
<i>Citrus</i> sp.	China	1			Hawaii.
<i>Phoma hortensiae</i> Brun.:					
<i>Hydrangea</i> sp.	Azores			1	Mass.
<i>Phoma limonii</i> Thuem.:					
<i>Citrus sinensis</i> (orange)	Mexico	1			Tex.
<i>Phoma pomi</i> Pass.:					
<i>Malus sylvestris</i> (apple)	Norway		1		Pa.

List of pests (diseases) collected and reported from July 1, 1950, to June 30, 1951, inclusive—Continued

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<i>Phoma rusci</i> West.:					
<i>Ruscus aculeatus</i> (?)	Italy	1			Pa.
<i>Phomopsis cinerescens</i> (Sacc.) Trav.:					
<i>Ficus carica</i> (fig)	Mexico			1	Tex.
<i>Phomopsis cocoes</i> Petch:					
<i>Cocos nucifera</i> (coconut)	Guam, Philippines	4			Calif.*
<i>Phomopsis ophites</i> (Sacc.) Trav.:					
<i>Hibiscus hamabo</i> (hamabo hibiscus)	Netherlands			1	N. J.
<i>Phomopsis palmicola</i> (Wint.) Sacc.:					
<i>Arecas atechu</i> (betel palm)	Yap Island			1	Calif.*
<i>Phragmidium disciflorum</i> [Tode] James:					
<i>Rosa</i> sp.	Germany, Italy	1		1	Mass., N. Y.
<i>Phragmidium montivagum</i> Arth. (?):					
<i>Rosa</i> sp.	Canada			1	N. J.
<i>Phyllosticta caryae</i> Pk.:					
<i>Carya illinoensis</i> (pecan)	Mexico	1			Tex.
<i>Phyllosticta gaultheriae</i> Ell. & Ev.:					
<i>Gaultheria shallon</i> (salal)	do	3			Tex.
<i>Phyllosticta glumarum</i> (Ell. & Tracy) Miyake:					
<i>Oryza sativa</i> (rice)	Dominican Republic	1			P. R.
<i>Phyllosticta laetiae</i> Keissl.:					
<i>Dendrobium</i> sp. (orchid)	Australia			1	Calif.*
<i>Phyllosticta mortoni</i> Fairm.:					
<i>Mangifera indica</i> (mango)	Mexico	1			Tex.
<i>Phyllosticta passiflorae</i> McAlp.:					
<i>Passiflora edulis</i> (purple granadilla)	Australia	1			Hawaii.
<i>Phyllosticta ruscicola</i> (Desm.) Dur. & Mont.:					
<i>Ruscus</i> sp.	Italy	3			N. Y., Pa.
<i>Phyalospora obtusa</i> (Schw.) Cke.:					
<i>Malus sylvestris</i> (apple)	France, Germany	1	2		Ga., Mich., Pa.
<i>Phytophthora parasitica</i> Dast.:					
<i>Lycopersicon esculentum</i> (tomato)	Mexico	2			Ariz.
<i>Phytophthora phaseoli</i> Thaxt.:					
<i>Phaseolus vulgaris</i> var. (string bean)	do	1			Tex.
<i>Pleospora herbarum</i> (Pers.) Rab.:					
<i>Linum</i> sp. (flax)	Belgium	1			Pa.
<i>Vitis</i> sp. (grape)	Italy			1	N. Y.
<i>Pseudomonas marginata</i> (McCull.) Stapp:					
<i>Gladiolus</i> sp.	Netherlands			1	Calif.*
<i>Pseudomonas savastanoi</i> (E.F. Sm.) F. L. Stevens:					
<i>Olea europaea</i> (olive)	Italy	2			N. Y.
<i>Pseudomonas seminum</i> Cayley:					
<i>Pisum sativum</i> (pea)	Portugal		1		Tex.
<i>Pseudomonas solanacearum</i> E. F. Sm.:					
<i>Solanum tuberosum</i> (potato)	Mexico	1			Tex.
<i>Pseudopeziza medicaginis</i> (Lib.) Sacc.:					
<i>Medicago sativa</i> (alfalfa)	Argentina		1		Tex.
<i>Puccinia antirrhini</i> Diet. & Holw.:					
<i>Antirrhinum majus</i> (snapdragon)	Germany	1			Mass.
<i>Puccinia arenariae</i> (Sehm.) Wint.:					
<i>Dianthus barbatus</i> (sweet-william)	England, Switzerland	2			Mass., N. Y.
<i>Puccinia buxi</i> DC.:					
<i>Buxus sempervirens</i> (box)	England, Yugoslavia			2	N. Y.
<i>Puccinia chrysanthemi</i> Roze:					
<i>Chrysanthemum</i> sp.	England			1	N. J.
<i>Puccinia glumarum</i> (Schmidt) Eriks. & E. Henn.:					
<i>Triticum aestivum</i> (wheat)	Italy	1			Pa.
<i>Puccinia graminis</i> Pers. var. <i>tritici</i> Eriks. & E. Henn.:					
<i>Triticum aestivum</i> (wheat)	Guatemala	1			Tex.
<i>Puccinia heliconiae</i> (Diet.) Arth.:					
<i>Strelitzia</i> sp. (bird-of-paradise-flower)	Trinidad			1	Fla.
<i>Puccinia hordei</i> Otth:					
<i>Hordeum</i> sp.	Mexico	2			Calif.*
<i>Puccinia oblecta</i> Pk.:					
<i>Scirpus</i> sp.	do	2			Tex.
<i>Puccinia ornithogali-thyrsoideis</i> Diet.:					
<i>Ornithogalum thyrsoideis</i> (chinkerichee)	Union of South Africa	3			N. Y.

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<i>Puccinia porri</i> (Sow.) Wint.: <i>Allium porrum</i> (leek)-----	Sweden-----		1		Pa.
<i>Puccinia scirpi</i> DC.: <i>Typha</i> sp. (cattail)-----	Mexico-----	1			Calif.
<i>Puccinia stakmanii</i> Presley: <i>Gossypium</i> sp. (cotton)-----	do-----	1			Tex.
<i>Puccinia urbaniana</i> P. Henn.: <i>Stachytarpheta jamaicensis</i> -----	Puerto Rico-----	1			P. R.
<i>Stachytarpheta</i> spp-----	do-----	1			P. R.
<i>Puccinia violae</i> (Schum.) DC.: <i>Viola tricolor</i> (wild pansy)-----	Norway-----	1			N. Y.
<i>Pyrenochaeta acicola</i> (Lev.) Sacc.: <i>Pinus</i> sp. (5-leaved pine)-----	Japan-----			1	Hawaii.
<i>Pythium ultimum</i> Trow: <i>Cattleya</i> sp. (orchid)-----	Belgium-----			1	N. J.
<i>Pythium ultimum</i> Trow (?): <i>Sinningia speciosa</i> (gloxinia)-----	do-----			3	N. J.
<i>Ramularia tulasnei</i> Sacc.: <i>R Fragaria</i> sp-----	France-----			1	D. C.
<i>otylenchus robustus</i> (de Man) Filip. (?): Soil with primrose plant-----	England-----			1	N. Y.
<i>Schizophyllum commune</i> Fr.: <i>Agave</i> sp-----	Hawaii-----	1			Wash.
Orchid-----	Mexico-----			1	Tex.
<i>Sclerotinia kernerii</i> Wettst.: <i>Abies</i> sp-----	Switzerland-----	1			Mass.
<i>Sclerotinia minor</i> Jagger: <i>Cichorium endivia</i> (endive)-----	Belgium-----	3			N. Y.
<i>Sclerotium cepivorum</i> Berk.: <i>Allium sativum</i> (garlic)-----	Italy-----	33	2		N. Y., Pa.
<i>Sclerotium irregulare</i> Miy.: <i>Oryza sativa</i> (rice)-----	China-----	1			Wash.
<i>Septoria azaleae</i> Vogl.: <i>Rhododendron indicum</i> (indica azalea)-----	Belgium-----			1	N. J.
<i>Rhododendron</i> sp-----	Netherlands-----			4	N. J.
<i>Septoria chrysanthemi</i> Allesch.: <i>Chrysanthemum</i> sp-----	Japan, Mexico-----	4		1	Calif., * Tex
<i>Septoria citri</i> Pass.: <i>Citrus limon</i> (lemon)-----	Italy, Spain-----	1	3		Calif., * Mich., Pa
<i>Citrus paradisi</i> (grapefruit)-----	Japan-----		1		Calif.*
<i>Citrus sinensis</i> (orange)-----	Straits Settlements-----		1		N. Y.
<i>Septoria leucanthemi</i> Sacc. & Speg.: <i>Chrysanthemum maximum</i> (shasta daisy)-----	Mexico, Scotland-----	2		1	N. J., Tex.
<i>Chrysanthemum</i> sp-----	Japan, unknown-----		1	1	Hawaii, N. Y.
<i>Septoria macrosporia</i> Dearn: Daisy-----	Mexico-----	1			Tex.
<i>Septoria posekensis</i> Sacc.: <i>Cymbidium devonianum</i> (orchid)-----	India-----			4	Calif.*
<i>Cymbidium elegans</i> -----	do-----			3	Calif.*
<i>Cypripedium callosum</i> (orchid)-----	Siam-----			1	Calif.*
<i>Cypripedium fairieanum</i> -----	India-----			6	Calif., * N. J.
<i>Odontoglossum citrosimum</i> (orchid)-----	Mexico-----			2	Calif., * Tex
<i>Septosporium scyphophorum</i> Oke. & Harkn.: <i>Eucalyptus</i> sp-----	do-----	1			Tex.
Medicinal herb-----	do-----	1			Tex.
<i>Sorosporium syntherismae</i> (Pk.) Farl.: <i>Panicum</i> sp-----	Argentina-----	1			Tex.
<i>Sphaceloma perseae</i> Jenkins: <i>Persea americana</i> (avocado)-----	Mexico-----	1			Tex.
<i>Sphaeropsis orchidearum</i> Clif. & Frag.: Orchid-----	Costa Rica-----			1	Fla.
<i>Stachybotrys subsimplex</i> Cke.: <i>Musa paradisiaca sapientum</i> (banana)-----	Panama-----	2			Calif.*
<i>Stachylidium theobromae</i> Ture.: <i>Musa paradisiaca</i> (plantain)-----	Honduras-----	1			N. Y.
<i>Musa paradisiaca sapientum</i> (banana)-----	Mexico, Panama, Philippines, Portugal.	4	1		Calif., * Mass.

ist of pests (diseases) collected and reported from July 1, 1950, to June 30, 1951,
inclusive—Continued

[An asterisk indicates State inspection]

Disease and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
<i>agnospora macrospora</i> (Dur. & Mont.) Sacc.:					
<i>Agave</i> sp.	Mexico			1	Tex.
<i>emphylium botryosum</i> Wallr.:					
<i>Allium porrum</i> (leek)	do		1		Tex.
<i>Hyacinthus</i> sp.	Netherlands			1	Minn.
<i>Musa paradisica sapientum</i> (banana)	Mexico		1		Calif.*
<i>emphylium ilicis</i> Tengwall:					
<i>Muscari botryoides</i> (grapehyacinth)	Netherlands			2	N. Y., Tex.
<i>emphylium radicinum</i> (Meier, Drechs. & Eddy)					
Neerg.:					
<i>Daucus carota</i> (carrot)	England		1		Tex.
<i>ereum rufum</i> Fr.:					
<i>Populus</i> sp.	Mexico	1			Tex.
<i>igmella sacchari</i> Speg.:					
<i>Saccharum officinarum</i> (sugarcane)	Hawaii	1			Calif.*
<i>ilbum incarnatum</i> Wakk.:					
<i>Castanea</i> sp. (chestnut)	Japan	1			Calif.*
<i>Dahlia</i> sp.	Australia			1	Calif.*
<i>Eleocharis dulcis</i> (waternut)	China	3			Calif.*
<i>Pachyrhizus tuberosus</i> (West Indies yam)	do	3			Calif.*
<i>Trapa natans</i> (waterchestnut)	do	1			Calif.*
<i>omatogene agaves</i> (Ell. & Ev.) Th. & Syd.:					
<i>Yucca aloifolia</i> (Spanish dagger)	Mexico	1			Tex.
<i>Yucca</i> sp.	do	1			Tex.
reak (winter blight):					
<i>Lycopersicon esculentum</i> (tomato)	do	2			Ariz.
<i>ecopsora areolata</i> (Fr.) Magn.:					
<i>Picea abies</i> (Norway spruce)	Austria	1			Calif.*
<i>telaviopsis basicola</i> (Berk. & Br.) Ferr.:					
<i>Begonia</i> sp.	Netherlands			1	Calif.*
<i>Sinningia speciosa</i> (gloxinia)	Belgium			9	Calif.,* N. J., Pa.
<i>orula oleae</i> Cast.:					
<i>Olea europaea</i> (olive)	Azores			1	Mass.
<i>ichoderma viride</i> Fr.:					
<i>Pandanus</i> sp. (screwpine)	Kwajalein	1			Hawaii.
<i>itirachium dependens</i> Limber:					
<i>Glaadiolus</i> sp.	Africa, Japan			2	La., N. Y.
<i>Lilium auratum</i> (goldband lily)	Japan			4	Calif.*
<i>Lilium concolor</i> (morningstar lily)	do			1	Calif.*
<i>Lilium giganteum</i> (giant lily)	do			1	Calif.*
<i>Lilium longiflorum</i> (Easter lily)	do			3	Calif.*
<i>Lilium rubellum</i> (rubellum lily)	do			1	Calif.*
<i>Lilium speciosum rubrum</i> (pink speciosum lily)	do			6	Calif.*
<i>Lilium</i> sp.	Bermuda, China, Japan	4		3	Calif.,* N. Y.
<i>Lycoris radiata</i> (shorttube lycoris)	Japan			1	Calif.*
<i>Narcissus</i> sp.	China	1			Calif.*
<i>ullula olivascens</i> Sacc.:					
<i>Citrus sinensis</i> (orange)	Argentina		1		Calif.*
<i>yblidiella rufula</i> (Spreng.) Sacc.:					
Unknown stem	Mexico	1			Tex.
<i>edo aurantiaca</i> Mont.:					
<i>Oncidium</i> sp. (orchid)	Brazil			1	N. J.
<i>edo behnickiana</i> P. Henn.:					
<i>Brassavola</i> sp. (orchid)	Mexico			1	Tex.
<i>Laelia anceps</i> (orchid)	do			2	Tex.
<i>edo guacae</i> Mayor:					
<i>Stanhopea</i> sp. (orchid)	Costa Rica, Mexico			2	Fla., Tex.
<i>edo jucunda</i> Syd.:					
<i>Philodendron</i> sp.	Costa Rica			2	Fla.
<i>edo nigropunctata</i> P. Henn.:					
<i>Bletia</i> sp. (orchid)	Bahamas			1	Fla.
<i>edo oncidii</i> P. Henn.:					
<i>Oncidium bicallosum</i> (orchid)	Guatemala			1	Calif.*
<i>Oncidium cavendishianum</i>	Mexico			2	Fla., Tex.
<i>Oncidium cebolleta</i>	do			1	Tex.

List of pests (diseases) collected and reported from July 1, 1950, to June 30, 1951 inclusive—Continued

[An asterisk indicates State inspection]

Disease and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
<i>Urocystis colchici</i> (Schlecht.) Rab.:					
<i>Colchicum autumnale album</i>	Netherlands.....			1	N. J.
<i>Colchicum autumnale major</i>	do.....			1	N. J.
<i>Colchicum autumnale minor</i>	do.....			1	N. J.
<i>Colchicum bornmuelleri</i>	do.....			3	N. J.
<i>Colchicum</i> sp.....	do.....			7	N. J.
<i>Urocystis gladiolicola</i> Ainsworth:					
<i>Gladiolus</i> sp.....	do.....			1	N. J.
<i>Uromyces alyxiae</i> Arth.:					
<i>Alyxia olivaeformis</i>	Hawaii.....	2			Calif.*
<i>Uromyces lespedezae-procumbentis</i> (Schw.) Curt.:					
<i>Lespedeza stipulacea</i> (Korean lespedeza).....	China.....			1	Calif.*
<i>Uromyces striatus</i> Schroet. var. <i>medicaginis</i> (Pass.) Arth.:					
<i>Medicago sativa</i> (alfalfa).....	Argentina.....	1			Tex.
<i>Ustilago tritici</i> (Pers.) Rost.:					
<i>Triticum aestivum</i> (wheat).....	England.....	1			Calif.*
<i>Venturia inaequalis</i> (Cke.) Wint. var. <i>cinerascens</i> (Fekl.) Aderh.:					
<i>Sorbus aucuparia</i> (European mountain-ash).....	Germany.....	1			N. Y.
<i>Vermicularia dematium</i> Fr.:					
<i>Dahlia</i> sp.....	Australia.....			1	Calif.*
Virus—undetermined:					
<i>Crossandra</i> sp.....	Canal Zone.....			1	Fla.
<i>Xanthomonas citri</i> (Hasse) Dowson:					
<i>Citrus aurantifolia</i> (sour lime).....	India, Indonesia.....		14		Ala., Mass., N. Y.
<i>Citrus grandis</i> (pummelo).....	China, Japan.....	2	1		Calif.*
<i>Citrus grandis</i> (?).....	Straits Settlements.....		1		Calif.*
<i>Citrus limon</i> (lemon).....	India, Japan.....		18		Calif.*
<i>Citrus mitis</i> (calamondin orange) (?).....	India.....		1		N. Y.
<i>Citrus paradisi</i> (grapefruit).....	Ceylon, China, Japan.....		4		Calif.,* Mass.
<i>Citrus reticulata</i> (Mandarin orange).....	China.....	6			Calif.*
<i>Citrus sinensis</i> (orange).....	Ceylon, China, Japan.....	11	6		Calif.,* F.
<i>Citrus</i> sp.....	Japan (?).....		1		Wash.
<i>Xanthomonas hyacinthi</i> (Wakk.) Dowson:					
<i>Hyacinthus</i> sp.....	Netherlands.....			14	Mich., N.
<i>Xanthomonas</i> sp. (Cancrosis "B"):					
<i>Citrus limon</i> (lemon).....	Argentina.....		6		La., N. Pa., Te
Yellow-mottle virus:					
<i>Camellia sasanqua</i> (sasanqua tea).....	Japan.....			1	Calif.*

Hosts and diseases

- BIES:**
Hormiscium pinophilum (Deuteromycetes)
Sclerotinia kernerii (Ascomycetes)
- CER:**
Calospora platanoidis (Ascomycetes)
Pestalotia japonica (Deuteromycetes)
- GAVE:**
Coniosporium agaves (Deuteromycetes)
Lembosia agave (Ascomycetes)
Schizophyllum commune (Basidiomycetes)
Stagnospora macrospora (Deuteromycetes)
- LLIUM CEPA:**
Alternaria porri (Deuteromycetes)
Aphelenchus avenae (Nematoda)
Cercospora duddiae (Deuteromycetes)
Ditylenchus dipsaci (Nematoda)
- LLIUM PORRUM:**
Puccinia porri (Promycetes)
Stemphylium botryosum (Deuteromycetes)
- LLIUM SATIVUM:**
Sclerotium cepivorum (Deuteromycetes)
- LYXIA:**
Uromyces alyxiae (Promycetes)
- NDROMEDA:**
Mycosphaerella punctiformis (Ascomycetes)
- NTIRRHRINUM:**
Puccinia antirrhini (Promycetes)
- RAUCARIA:**
Pestalotia funerea (Deuteromycetes)
- RECA:**
Gloeosporium catechu (Deuteromycetes)
Phomopsis palmicola (Deuteromycetes)
- AMBOO:**
Apiospora montagnei (Phycomycetes)
Diplodia theobromae (Deuteromycetes)
Papularia sphaerosperma (Deuteromycetes)
Papularia vinosa (Deuteromycetes)
- EGONIA:**
Chlamydomyces palmarum (Deuteromycetes)
Meloidogyne arenaria (Nematoda)
Thielaviopsis basicola (Deuteromycetes)
- LETIA:**
Uredo nigropunctata (Promycetes)
- OCCONIA:**
Cercospora bocconiae (Deuteromycetes)
- GRASSAVOLA:**
Uredo behnickiana (Promycetes)
- BUXUS:**
Microthyrium microscopium (Ascomycetes)
Puccinia buxi (Promycetes)
- AJANUS:**
Colletotrichum cajani (Deuteromycetes)
- AMELLIA:**
Discosia ariocreas (Deuteromycetes)
Pestalotia guepini (Deuteromycetes)
Yellow-mottle virus
- APSIUM:**
Gloeosporium piperatum (Deuteromycetes)
- ARYA:**
Phyllosticta caryae (Deuteromycetes)
- ASTANEA:**
Cytospora ceratophora (Deuteromycetes)
Stilbum incarnatum (Deuteromycetes)
- ATTLEYA:**
Chiodecton sanguineum (Ascomycetes)
Pestalotia conspicua (Deuteromycetes)
Pythium ultimum (Phycomycetes)
- EAOTHUS:**
Clonostachys araucariae (Deuteromycetes)
- ENTAUREA:**
Cercospora centaureae (Deuteromycetes)
- HAMAEODORA:**
Mycosphaerella advena (Ascomycetes)
- HRYSANTHEMUM:**
Leptosphaeria vagabunda (Ascomycetes)
Puccinia chrysanthemi (Promycetes)
Septoria chrysanthemi (Deuteromycetes)
Septoria leucanthemi (Deuteromycetes)
- HUSQUEA:**
Coniosporium chusqueae (Deuteromycetes)
- ICHORIUM:**
Sclerotinia minor (Ascomycetes)
- ITRUS AURANTIFOLIA:**
Elsinoe australis (Ascomycetes)
Xanthomonas citri (Schizomycetes)
- CITRUS GRANDIS:**
Meliola citricola (Ascomycetes)
Phoma citricarpa (Deuteromycetes)
Xanthomonas citri (Schizomycetes)
- CITRUS LIMON:**
Botryosphaeria ribis (Ascomycetes)
Elsinoe australis (Ascomycetes)
Elsinoe fauvelletti var. *scabiosa* (Ascomycetes)
Phoma citricarpa (Deuteromycetes)
Septoria citri (Deuteromycetes)
Xanthomonas citri (Schizomycetes)
Xanthomonas sp. (Cancrosis "B") (Schizomycetes)
- CITRUS MITIS (?) :**
Xanthomonas citri (Schizomycetes)
- CITRUS PARADISI:**
Alternaria citri (Deuteromycetes)
Phoma citricarpa (Deuteromycetes)
Septoria citri (Deuteromycetes)
Xanthomonas citri (Schizomycetes)
- CITRUS RETICULATA:**
Alternaria citri (Deuteromycetes)
Hypocrella caulium (Ascomycetes)
Phoma citricarpa (Deuteromycetes)
Xanthomonas citri (Schizomycetes)
- CITRUS SINENSIS:**
Alternaria citri (Deuteromycetes)
Ascochyta citri (Deuteromycetes)
Elsinoe australis (Ascomycetes)
Erwinia citrimaculans (Schizomycetes)
Leprosis
Myriangium duriae (Ascomycetes)
Phoma citricarpa (Deuteromycetes)
Phoma limonii (Deuteromycetes)
Septoria citri (Deuteromycetes)
Trullula olivascens (Deuteromycetes)
Xanthomonas citri (Schizomycetes)
- CITRUS SP. (orange):**
Elsinoe australis (Ascomycetes)
- CITRUS SP.:**
Alternaria citri (Deuteromycetes)
Phoma citricarpa (Deuteromycetes)
Xanthomonas citri (Schizomycetes)
- CLEMATIS:**
Meloidogyne arenaria (Nematoda)
- COCOS:**
Diplodia cococarpa (Deuteromycetes)
Diplodia epicocos (Deuteromycetes)
Isaria clavata (Deuteromycetes)
Pestalotia palmarum (Deuteromycetes)
Phomopsis cocoes (Deuteromycetes)
Urocystis colchici (Promycetes)
- COFFEA:**
Cercospora coffeicola (Deuteromycetes)
Colletotrichum coffeanum (Deuteromycetes)
- COLCHICUM:**
Urocystis colchici (Promycetes)
- COLOCASIA:**
Dendryphium obtipum (Deuteromycetes)
- CONVALLARIA:**
Aphelenchoides parietinus (Nematoda)
- COTINUS:**
Cytospora rhoisa (Deuteromycetes)
- CROSSANDRA:**
Virus—undetermined
- CUCURBITA:**
Diplodia theobromae (Deuteromycetes)
- CYDONIA:**
Entomosporium maculatum (Deuteromycetes)
Fabraea maculata (Ascomycetes)
Monilinia fructigena (Ascomycetes)
- CYMBIDIUM:**
Pestalotia conspicua (Deuteromycetes)
Septoria posekensis (Deuteromycetes)
- CYMOPOGON:**
Nigrospora sphaerica (Deuteromycetes)
- CYPRIPEDIUM:**
Septoria posekensis (Deuteromycetes)
- DAHLIA:**
Entyloma dahliae (Promycetes)
Stilbum incarnatum (Deuteromycetes)
Vermicularia dematium (Deuteromycetes)
- DAISY:**
Septoria macrosporia (Deuteromycetes)

Hosts and diseases—Continued

DAUCUS:

Stemphylium radicinum (Deuteromycetes)

DENDROBIUM:

Pestalotia conspicua (Deuteromycetes)

Phyllosticta laeliae (Deuteromycetes)

DIANTHUS:

Alternaria dianthi (Deuteromycetes)

Puccinia arenariae (Promycetes)

DIOSPYROS:

Cercospora kaki (Deuteromycetes)

Pestalotia diospyri (Deuteromycetes)

ECHINOCACTUS:

Mycosphaerella opuntiae (Ascomycetes)

ELEOCHARIS:

Stilbum incarnatum (Deuteromycetes)

EPIDENDRUM:

Pestalotia conspicua (Deuteromycetes)

EUCALYPTUS:

Pestalotia disseminata (Deuteromycetes)

Septosporium scyphophorum (Deuteromycetes)

FICUS:

Phomopsis cinerescens (Deuteromycetes)

FRAGARIA:

Diplocarpon earliana (Ascomycetes)

Ramularia tulasnei (Deuteromycetes)

FRAXINUS:

Cercospora fraxiniles (Deuteromycetes)

Marssonina fraxini (Deuteromycetes)

GALANTHUS:

Botrytis galanthina (Deuteromycetes)

GARCINIA:

Diplodia theobromae (Deuteromycetes)

GARDENIA:

Mycena citricolor [*Omphalia flavida*] (Deuteromycetes)

GAULTHERIA:

Phyllosticta gaultheriae (Deuteromycetes)

GLADIOLUS:

Aphelenchus avenae (Nematoda)

Botrytis gladiolorum (Deuteromycetes)

Curvularia lunata (Deuteromycetes)

Fusarium oxysporum f. *gladioli* (Deuteromycetes)

Heterosporium iridis (Deuteromycetes)

Papulaspora parasitica (Deuteromycetes)

Pseudomonas marginata (Schizomycetes)

Tritirachium dependens (Deuteromycetes)

Urocystis gladiolicola (Promycetes)

GOSSYPIUM:

Cercospora gossypina (Deuteromycetes)

Phakopsora desmumii (Promycetes)

Puccinia stakmanii (Promycetes)

GYPSOPHILA:

Alternaria dianthi (Deuteromycetes)

HEDERA:

Colletotrichum trichellum (Deuteromycetes)

HELLEBORUS:

Coniothyrium hellebori (Deuteromycetes)

HIBISCUS:

Metasphaeria hibiscincola (Ascomycetes)

Phomopsis ophites (Deuteromycetes)

HORDEUM:

Puccinia hordei (Promycetes)

HYACINTHUS:

Stemphylium botryosum (Deuteromycetes)

Xanthomonas hyacinthi (Schizomycetes)

HYDRANGEA:

Phoma hortensiae (Deuteromycetes)

ILEX:

Gloeosporium aquifolii (Deuteromycetes)

IPOMOEA:

Coleosporium ipomoeae (Promycetes)

Diplodia gossypina (Deuteromycetes)

Macrophomina phaseolina (Deuteromycetes)

IRIS:

Colletotrichum lilacearum (Deuteromycetes)

Ditylenchus iridis (Nematoda)

Heterosporium iridis (Deuteromycetes)

Paraphelenchus amblyurus (Nematoda)

JUGLANS:

Marssonina juglandis (Deuteromycetes)

JUNIPERUS:

Gymnosporangium haraeanaum (Promycetes)

Gymnosporangium japonicum (Promycetes)

Mytilidion decipiens (Ascomycetes)

KIGELIA:

Diplodia theobromae (Deuteromycetes)

LABURNUM:

Coniothyrium cytisellum (Deuteromycetes)

Coniothyrium olivaceum (Deuteromycetes)

LAELIA:

Uredo behnickiana (Promycetes)

LAURUS:

Cercospora purpurea (Deuteromycetes)

LESPEDeza:

Uromyces lespedezae-procumbentis (Promycetes)

LEUCOTHOE:

Diplodina rostrupii (Deuteromycetes)

LILIUM:

Botrytis elliptica (Deuteromycetes)

Colletotrichum lilii (Deuteromycetes)

Gliomastix convoluta (Deuteromycetes)

Memmoniella echinata (Deuteromycetes)

Tritirachium dependens (Deuteromycetes)

LIMONUM:

Cercospora insulana (Deuteromycetes)

LINUM:

Pleospora herbarum (Ascomycetes)

LIPPZIA:

Cercospora lippiae (Deuteromycetes)

LYCOPERSICON:

Phytophthora parasitica (Phycomycetes)

Streak (winter blight)

LYCORIS:

Botrytis elliptica (Deuteromycetes)

Tritirachium dependens (Deuteromycetes)

MALUS:

Coniothyrium pirinum (Deuteromycetes)

Gloeosporium perennans (Deuteromycetes)

Leptothyrium pomi (Deuteromycetes)

Monilinia fructicola (Ascomycetes)

Mycosphaerella pomi (Ascomycetes)

Phoma pomi (Deuteromycetes)

Physalospora obliqua (Ascomycetes)

MANGIFERA:

Cercospora mangiferae (Deuteromycetes)

Phyllosticta mortoni (Deuteromycetes)

MATHIOLA:

Alternaria raphani (Deuteromycetes)

MAXILLARIA:

Dendryphium toruloides (Deuteromycetes)

MEDICAGO:

Fusarium oxysporum f. *medicaginis* (Deuteromycetes)

Pseudopeziza medicaginis (Ascomycetes)

Uromyces striatus var. *medicaginis* (Promycetes)

MORUS:

Diplodia gossypina (Deuteromycetes)

MUSA PARADISIACA SAPIENTUM:

Cercospora musae (Deuteromycetes)

Hormodendron cladoporioides (Deuteromycetes)

Macrophoma musae (Deuteromycetes)

Stachybotrys subsimplex (Deuteromycetes)

Stachylidium theobromae (Deuteromycetes)

Stemphylium botryosum (Deuteromycetes)

MUSCARI:

Stemphylium ilicis (Deuteromycetes)

NARCISSUS:

Fusarium oxysporum f. *narcissi* (Deuteromycetes)

Ophiostoma narcissi (Ascomycetes)

Tritirachium dependens (Deuteromycetes)

NEPETA:

Cercospora nepetae (Deuteromycetes)

NERIUM:

Cercospora neriella (Deuteromycetes)

NYMPHAEA:

Diplodia gossypina (Deuteromycetes)

ODONTOGLOSSUM:

Cercospora angrei (Deuteromycetes)

Septoria posekensis (Deuteromycetes)

OLEA:

Gloeosporium olivarium (Deuteromycetes)

Pseudomonas savastanoi (Schizomycetes)

Torula oleae (Deuteromycetes)

ONCIDIUM:

Uredo aurantiaca (Promycetes)

Uredo oncidii (Promycetes)

Hosts and diseases—Continued

- RANIA:**
Glomastix convoluta (Deuteromycetes)
- RCHID:**
Cercospora angreci (Deuteromycetes)
Pestalotia conspicua (Deuteromycetes)
Schizophyllum commune (Basidiomycetes)
Sphaeropsis orchidearum (Deuteromycetes)
- RNITHOGALUM:**
Heterosporium ornithogali (Deuteromycetes)
Puccinia ornithogali-thyrsoideis (Promycetes)
- RYZA:**
Cladosporium oryzae (Deuteromycetes)
Helminthosporium oryzae (Deuteromycetes)
Nigrospora sphaerica (Deuteromycetes)
Phaeosphaeria oryzae (Ascomycetes)
Phyllosticta glumarum (Deuteromycetes)
Sclerotium irregulare (Deuteromycetes)
- ACHYRHIZUS:**
Stilbum incarnatum (Deuteromycetes)
- AEONIA:**
Botryosphaeria ribis (Ascomycetes)
Leptostromella hysterioides (Deuteromycetes)
Pestalotia paeoniae (Deuteromycetes)
Phlyctaena ranunculacearum (Deuteromycetes)
- ALM:**
Calacauma sabal (Ascomycetes)
Diplodia theobromae (Deuteromycetes)
Hendersonia sabaleos (Deuteromycetes)
Mycosphaerella palmarum (Ascomycetes)
Pestalotia palmarum (Deuteromycetes)
- ANDANUS:**
Trichoderma viride (Deuteromycetes)
- ANICUM:**
Sorosporium syntherismae (Promycetes)
- ASPALUM:**
Cerebella andropogonis (Deuteromycetes)
- ASSIFLORA:**
Phyllosticta passiflorae (Deuteromycetes)
- ERSEA:**
Sphaeloma perseae (Deuteromycetes)
- HASEOLUS LUNATUS MACROCARPUS:**
Elsinoe phaseoli (Ascomycetes)
- HASEOLUS VULGARIS VAR.:**
Isariopsis griseola (Deuteromycetes)
Phytophthora phaseoli (Phycomycetes)
- HILODENDRON:**
Uredo jucunda (Promycetes)
- HRAGMITES:**
Lophodermium arundinaceum (Ascomycetes)
Papularia arundinis (Deuteromycetes)
- ICEA:**
Thecopora areolata (Promycetes)
- IERIS:**
Diplodina rostrupii (Deuteromycetes)
Pestalotia macrotricha (Deuteromycetes)
- INUS:**
Lophodermium pinastri (Ascomycetes)
Pyrenochaeta acicola (Deuteromycetes)
- ISUM:**
Cladosporium pisicola (Deuteromycetes)
Colletotrichum pisi (Deuteromycetes)
Pseudomonas seminum (Schizomycetes)
- LUMERIA:**
Coleosporium domingense (Promycetes)
- OPULUS:**
Stereum rufum (Basidiomycetes)
- ROSOPIS:**
Gloeosporium leguminum (Deuteromycetes)
- RUNUS PERSICA:**
Coryneum carpophilum (Deuteromycetes)
- SIDIUM:**
Pestalotia psidii (Deuteromycetes)
- UNICA:**
Cercospora lythracearum (Deuteromycetes)
- YRUS:**
Monilinia fructigena (Ascomycetes)
- UERCUS:**
Coniothecium quercina (Deuteromycetes)
Microperella quercus (Deuteromycetes)
- APHANUS:**
Aphanomyces raphani (Phycomycetes)
- RHODODENDRON:**
Cercospora handelii (Deuteromycetes)
Ceuthospora lunata (Deuteromycetes)
Chrysomyxa rhododendri (Promycetes)
Diplodina euryrhododendri (Deuteromycetes)
Discosia arctocreas (Deuteromycetes)
Erobasidium vaccinii (Basidiomycetes)
Mycosphaerella clintoniana (Ascomycetes)
Mycosphaerella rhododendri (Ascomycetes)
Pestalotia guelpini (Deuteromycetes)
Pestalotia macrotricha (Deuteromycetes)
Pestalotia rhododendri (Deuteromycetes)
Septoria azaleae (Deuteromycetes)
- RIBES:**
Diplodina grossulariae (Deuteromycetes)
- RICINUS:**
Papulaspora parasitica (Deuteromycetes)
- ROSA:**
Diplocarpon rosae (Ascomycetes)
Pezizella oenotherae (Ascomycetes)
Phragmidium disciflorum (Promycetes)
Phragmidium montivagum (?) (Promycetes)
- RUSCUS:**
Leptosphaeria rusci (Ascomycetes)
Phoma rusci (Deuteromycetes)
Phyllosticta ruscicola (Deuteromycetes)
- SACCHARUM:**
Apiospora camptospora (Ascomycetes)
Colletotrichum falcatum (Deuteromycetes)
Stigmella sacchari (Deuteromycetes)
- SALIX:**
Cryptodiaporthe salicina (Ascomycetes)
Cytospora chrysosperma (Deuteromycetes)
Cytospora salicis (Deuteromycetes)
Discella carbonacea (Deuteromycetes)
- SCHOMBURGKIA:**
Macrophoma epidendri (Deuteromycetes)
- SCIRPUS:**
Puccinia oblecta (Promycetes)
- SEDUM:**
Diplodia sedicola (Deuteromycetes)
- SINNINGIA:**
Pythium ultimum (?) (Phycomycetes)
Thielaviopsis basicola (Deuteromycetes)
- SOIL:**
Aphelenchus avenae (Nematoda)
Heterodera avenae (Nematoda)
Heterodera cacti (Nematoda)
Heterodera punctata (Nematoda)
Heterodera rostochiensis (Nematoda)
Heterodera schachtii (Nematoda)
Rotylechus robustus (?) (Nematoda)
- SOLANUM TUBEROSUM:**
Aphelenchus avenae (Nematoda)
Fusarium oxysporum f. tuberosi (Deuteromycetes)
Glomastix convoluta (Deuteromycetes)
Macrophoma phaseolina (Deuteromycetes)
Pseudomonas solanacearum (Schizomycetes)
- SORBUS:**
Gymnosporangium juniperi (Promycetes)
Gymnosporangium juniperinum (Promycetes)
Venturia inaequalis var. *cinerascens* (Ascomycetes)
- SORGHUM:**
Colletotrichum graminicolum (Deuteromycetes)
- SPINACIA:**
Peronospora effusa (Phycomycetes)
- STACHYTARPHETA:**
Puccinia urbaniana (Promycetes)
- STANHOPEA:**
Cercospora angreci (Deuteromycetes)
Pestalotia conspicua (Deuteromycetes)
Uredo guacae (Promycetes)
- STRELITZIA:**
Puccinia heliconiae (Promycetes)
- TIGRIDIA:**
Ditylenchus dipsaci (Nematoda)
- TRAPA:**
Stilbum incarnatum (Deuteromycetes)
- TRICHOLAENA:**
Cerebella andropogonis (Deuteromycetes)
- TRICHOPILIA:**
Diplodia paraphysaria (Deuteromycetes)
- TRIFOLIUM:**
Cymadothea trifolii (Ascomycetes)

Hosts and diseases—Continued

TRITICUM:

- Anguina tritici* (Nematoda)
- Leptosphaeria eustomoides* (Ascomycetes)
- Puccinia glumarum* (Promycetes)
- Puccinia graminis* var. *tritici* (Promycetes)
- Ustilago tritici* (Promycetes)

TRITONIA:

- Botrytis gladiolorum* (Deuteromycetes)

TULIPA:

- Papulaspora coprophila* (Deuteromycetes)

TYPHA:

- Puccinia scirpi* (Promycetes)

VACCINIUM:

- Mycosphaerella stemmatea* (Ascomycetes)

VANDA:

- Diplodia henriquesiana* (Deuteromycetes)

VIOLA:

- Puccinia violae* (Promycetes)

VITIS:

- Pleospora herbarum* (Ascomycetes)

WISTERIA:

- Coniothyrium olivaceum* (Deuteromycetes)
- Diaporthe eres* (Ascomycetes)

YUCCA:

- Stomatogene agaves* (Ascomycetes)

ZANTEDESCHIA:

- Chaetomium contortum* (Ascomycetes)

ZEA:

- Colletotrichum graminicolum* (Deuteromycetes)

ZINGIBER:

- Gliomastrix convoluta* (Deuteromycetes)
- Melanospora zamiae* (Ascomycetes)
- Memmoniella echinata* (Deuteromycetes)

Hosts unknown

HERB:

- Septosporium scyphophorum* (Deuteromycetes)

STEM:

- Dibotryon morbosum* (Ascomycetes)
- Tryblidiella rufula* (Ascomycetes)

Countries of origin and diseases

AFRICA:

- Tritirachium dependens*

ARGENTINA:

- Alternaria citri*
- Cytospora salicis*
- Elsinoe australis*
- Pseudopeziza medicaginis*
- Sorosporium syntherismae*
- Trullula olivascens*
- Uromyces striatus* var. *medicaginis*
- Xanthomonas* sp. (Cancrosis "B")

AUSTRALIA:

- Cerebella andropogonis*
- Colletotrichum liliacearum*
- Elsinoe fawcettii* var. *scabiosa*
- Gliomastrix convoluta*
- Pestalotia conspicua*
- Phoma citricarpa*
- Phyllosticta laeliae*
- Phyllosticta passiflorae*
- Stilbum incarnatum*
- Vermicularia dematium*

AUSTRIA:

- Botrytis gladiolorum*
- Chrysomyxa rhododendri*
- Heterodera punctata*
- Thecopsora areolata*

AZORES:

- Pestalotia guepini*
- Phoma hortensiae*
- Torula oleae*

BAHAMAS:

- Colletotrichum falcatum*
- Diplodia gossypina*
- Uredo nigropunctata*

BELGIUM:

- Cercospora angreci*
- Chlamydomyces palmarum*
- Heterodera rostochiensis*
- Meloidogyne arenaria*
- Pleospora herbarum*
- Pythium ultimum*
- Sclerotinia minor*
- Septoria azaleae*
- Thielaviopsis basicola*

BERMUDA:

- Cercospora neriella*
- Colletotrichum lilii*
- Tritirachium dependens*

BOLIVIA:

- Leprosia*

BRAZIL:

- Chiodecton sanguineum*
- Diplocarpon rosae*
- Diplodia theobromae*
- Elsinoe australis*
- Leprosia*
- Pestalotia conspicua*
- Uredo aurantiaca*

CANADA:

- Discosia artocreae*
- Leptosphaeria vagabunda*
- Phragmidium montivagum*

CANAL ZONE:

- Cercospora musae*
- Coleosporium domingense*
- Diplodia paraphysaria*
- Virus—undetermined

CEYLON:

- Xanthomonas citri*

CHILE:

- Coniosporium chusqueae*

CHINA:

- Botrytis elliptica*
- Colletotrichum lilii*
- Dendryphium obtusum*
- Diplodia gossypina*
- Gliomastrix convoluta*
- Helminthosporium oryzae*
- Melanospora zamiae*
- Meliola citricola*
- Memmoniella echinata*
- Phoma citricarpa*
- Sclerotium irregulare*
- Stilbum incarnatum*
- Tritirachium dependens*
- Uromyces lespezdeae-procumbentis*
- Xanthomonas citri*

COLOMBIA:

- Cercospora musae*

COSTA RICA:

- Cercospora musae*
- Macrophoma musae*
- Pestalotia conspicua*
- Sphaeropsis orchidearum*
- Uredo guacae*
- Uredo jucunda*

CUBA:

- Colletotrichum falcatum*
- Elsinoe phaseoli*
- Pestalotia palmarum*

CYPRUS:

- Gloeosporium olivarium*

CZECHOSLOVAKIA:

- Diplocarpon earliana*

DENMARK:

- Aphelenchoides parietinus*
- Calospora platanoidis*
- Entyloma dahliae*
- Heterodera punctata*
- Heterodera rostochiensis*

DOMINICAN REPUBLIC:

- Phyllosticta glumarum*

ECUADOR:

- Elsinoe australis*

Countries of origin and diseases—Continued

ENGLAND:

Alternaria dianthi
Chrysomyxa rhododendri
Cytospora ceratophora
Cytospora rhoisa
Heterodera avenae
Heterodera punctata
Heterodera rostochiensis
Monilinia fructigena
Ophiostoma narcissi
Puccinia arenariae
Puccinia buxi
Puccinia chrysanthemi
Rotylenchus robustus
Stemphylium radicum
Ustilago tritici

IJI ISLANDS:

Pestalotia conspicua
Phoma citricarpa

INLAND:

Heterodera rostochiensis

IRANCE:

Cymadothea trifolii
Cytospora salicis
Gloeosporium aquifolii
Heterodera cacti
Pestalotia guepini
Physalospora obtusa
Ramularia tulasnei

GERMANY:

Colletotrichum graminicolum
Colletotrichum trichellum
Diplodina grossulariae
Heterodera punctata
Heterodera rostochiensis
Hormiscium pinophilum
Leptosphaeria eustomoides
Ophiostoma narcissi
Phragmidium disciflorum
Physalospora obtusa
Puccinia antirrhini
Venturia inaequalis var. *cinerascens*

GUAM:

Diplodia cococarpa
Phomopsis cocoes

GUATEMALA:

Cercospora angreci
Cercospora musae
Mycena citricolor
Puccinia graminis var. *tritici*
Uredo oncidii

HAWAII:

Diplodia cococarpa
Macrophoma musae
Pestalotia palmarum
Schizophyllum commune
Stigmella sacchari
Uromyces alyxiae

HONDURAS:

Cercospora musae
Hormodendron cladosporioides
Pestalotia conspicua
Stachyldium theobromae

ICELAND:

Heterodera punctata

INDIA:

Cladosporium oryzae
Colletotrichum lilii
Diplodia theobromae
Macrophoma musae
Septoria posekensis
Xanthomonas citri

INDONESIA:

Xanthomonas citri

IRAQ:

Nigrospora sphaerica

IRELAND:

Colletotrichum trichellum
Heterodera punctata
Heterodera rostochiensis

ISLE OF MAN:

Heterodera avenae
Heterodera punctata

ISRAEL:

Heterodera cacti
Heterodera punctata

ITALY:

Botryosphaeria ribis
Colletotrichum graminicolum
Gloeosporium olivarium
Heterodera cacti
Heterodera schachtii
Leptosphaeria rusci
Marssonina juglandis
Monilinia fructigena
Phoma rusci
Phragmidium disciflorum
Phyllosticta ruscicola
Pleospora herbarum
Pseudomonas savastanoi
Puccinia glumarum
Sclerotium cepivorum
Septoria citri

JAPAN:

Alternaria citri
Apiospora montagnei
Botryosphaeria ribis
Botrytis elliptica
Botrytis gladiolorum
Cercospora kaki
Cladosporium oryzae
Colletotrichum lilii
Coniothyrium olivaceum
Diaporthe eres
Discosia artocreas
Gliomastix convoluta
Gymnosporangium haraceanum
Gymnosporangium japonicum
Leptostromella hysterioides
Lophodermium pinastri
Macrophoma phaseolina
Memnoniella echinata
Microperella quercus
Mytilidium decipiens
Nigrospora sphaerica
Papularia sphaerosperma
Papulaspora parasitica
Paraphelenchus amblyurus
Pestalotia diospyri
Pestalotia guepini
Pestalotia japonica
Pestalotia paeoniae
Phaeosphaeria oryzae
Phylcladna ranunculacearum
Phoma citricarpa
Pyrenochaeta acticola
Septoria chrysanthemi
Septoria citri
Septoria leucanthemi
Stilbum incarnatum
Tritirachium dependens
Xanthomonas citri
 Yellow-mottle virus

KWAJALEIN ISLAND:

Diplodia epicocos
Trichoderma viride

LUXEMBOURG:

Heterodera rostochiensis

MARSHALL ISLANDS:

Diplodia cococarpa
Pestalotia palmarum

MEXICO:

Alternaria citri
Alternaria dianthi
Alternaria porri
Alternaria raphani
Aphanomyces raphani
Aphe'enchus avenae
Apiospora camptospora
Ascochyta citri
Botrytis gladiolorum
Catacauma sabal
Cercospora angreci
Cercospora bocconiae
Cercospora centaureae
Cercospora coffeicola

Countries of origin and diseases—Continued

MEXICO—Continued

Cercospora duddiae
Cercospora fraxinites
Cercospora gossypina
Cercospora insulana
Cercospora lippiae
Cercospora lythracearum
Cercospora mangiferae
Cercospora musae
Cercospora nepelae
Cercospora purpurea
Cladosporium pisicola
Coleosporium ipomoeae
Colletotrichum falcatum
Colletotrichum graminicolum
Colletotrichum pisi
Coniosporium agaves
Coniothecium quercina
Coniothyrium pirinum
Coryneum carpophilum
Curvularia lunata
Dendryphium toruloides
Dibotryon morbosum
Diplodia gossypina
Diplodia sedicola
Diplodia theobromae
Ditylenchus dipsaci
Entomosporium maculatum
Fabraea maculata
Fusarium oxysporum f. *medicaginis*
Fusarium oxysporum f. *tuberosi*
Gloeosporium leguminum
Gloeosporium piperatum
Heterodera cacti
Heterosporium iridis
Isaria clavata (?)
Leptothyrium pomi
Macrophoma epidendri
Macrophoma musae
Macrophomina phaseolina
Marssonina frazzini
Mycena citricolor
Mycosphaerella advena
Mycosphaerella opuntiae
Mycosphaerella palmae
Papularia vinosa
Peronospora effusa
Pestalotia conspicua
Pestalotia disseminata
Pestalotia palmarum
Pestalotia psidii
Phoma limonii
Phomopsis cinerescens
Phyllosticta caryae
Phyllosticta gaultheriae
Phyllosticta mortoni
Phytophthora parasitica
Phytophthora phaseoli
Pseudomonas solanacearum
Puccinia hordei
Puccinia obiecta
Puccinia scirpi
Puccinia stakmanii
Schizophyllum commune
Septoria chrysanthemi
Septoria leucanthemi
Septoria macrosporia
Septoria posekensis
Septosporium scyphophorum
Sphaceloma perseae
Stachylidium theobromae
Stagnospora macrospora
Stemphylium botryosum
Stereum rufum
Stomatogene agaves
Streak (winter blight)
Tryblidiella rufula
Uredo behnickiana
Uredo guacae
Uredo oncidii

NETHERLANDS:

Aphelenchus avenae
Botrytis galanthina
Botrytis gladiolorum
Cercospora handelii
Ceuthospora lunata

NETHERLANDS—Continued

Chaetomium conortum
Clonostachys araucaria
Coniothyrium cytisellum
Coniothyrium hellebori
Coniothyrium olivaceum
Cryptodiaportha salicina
Cytospora chrysosperma
Diplodina eurhododendri
Diplodina rostrupii
Discella carbonacea
Ditylenchus dipsaci
Ditylenchus iridis
Exobasidium vaccinii
Fusarium oxysporum f. *gladioli*
Fusarium oxysporum f. *narcissi*
Gliomastix convoluta
Heterodera avenae
Heterodera punctata
Heterodera rostochiensis
Lophodermium arundinaceum
Meloidogyne arenaria
Microthyrium microscopium
Mycosphaerella clintoniana
Mycosphaerella punctiformis
Mycosphaerella rhododendri
Ophiostoma narcissi
Papularia arundinis
Papulaspora coprophila
Pestalotia macrotricha
Pestalotia rhododendri
Pezizella oenotherae
Phomopsis ophites
Pseudomonas marginata
Septoria azaleae
Stemphylium botryosum
Stemphylium ilicis
Thielaviopsis basicola
Urocystis colchici
Urocystis gladiolicola
Xanthomonas hyacinthi

NEW ZEALAND:

Heterosporium iridis
Monilinia fructicola
Mycosphaerella pomi
Phoma citricarpa

NIGERIA:

Cercospora musae
Diplodia cococarpa

NORWAY:

Gymnosporangium juniperinum
Heterodera punctata
Heterodera rostochiensis
Hormiscium pinophilum
Phoma pomi
Puccinia violae

PANAMA:

Cercospora musae
Macrophoma musae
Stachybotrys subsimplex
Stachylidium theobromae

PARAGUAY:

Elsinoe australis

PHILIPPINES:

Diplodia cococarpa
Gloeosporium catechu
Papulaspora parasitica
Pestalotia palmarum
Phomopsis cocoes
Stachylidium theobromae

POLAND:

Heterodera rostochiensis

PORTUGAL:

Cladosporium pisicola
Pseudomonas seminum
Stachylidium theobromae

PUERTO RICO:

Colletotrichum cajani
Elsinoe phaseoli
Isariopsis griseola
Lembosia agave
Phakopsora desmum
Puccinia urbaniana

Countries of origin and diseases—Continued

SCOTLAND:

Heterodera punctata
Heterodera rostochiensis
Pestalotia funerea
Septoria leucanthemi

SIAM:

Diplodia henriquesiana
Myriangium duriae
Septoria posekensis

SPAIN:

Heterodera punctata
Heterodera rostochiensis
Septoria citri

STRAITS SETTLEMENTS:

Gliomastix convolula
Septoria citri
Xanthomonas citri

SWEDEN:

Gliomastix convolula
Gloeosporium perennans
Gymnosporangium juniperi
Gymnosporangium juniperinum
Heterodera punctata
Heterodera rostochiensis
Monilinia fructigena
Mycosphaerella stemmatea
Puccinia porri

SWITZERLAND:

Chrysomyxa rhododendri
Coniothyrium hellebori
Heterodera punctata
Heterodera rostochiensis
Puccinia arenariae
Sclerotinia kerneri

SYRIA:

Anguina tritici

TAHITI:

Memnoniella echinata

TRINIDAD:

Hypocrella caulium
Metasphaeria hibiscicola
Puccinia heliconiae

TURKEY:

Anguina tritici

UNION OF SOUTH AFRICA:

Alternaria citri
Diplodia theobromae
Erwinia citrimaculans
Hendersonia sabaleos
Heterosporium ornithogali
Phoma citricarpa
Puccinia ornithogali-thyrsoides

UNKNOWN:

Chrysomyxa rhododendri
Elsinoe australis
Septoria leucanthemi

URUGUAY:

Elsinoe australis

VENEZUELA:

Cerebella andropogonis
Colletotrichum coffeanum

VIRGIN ISLANDS:

Fusarium oxysporium f. *gladioli*

WALES:

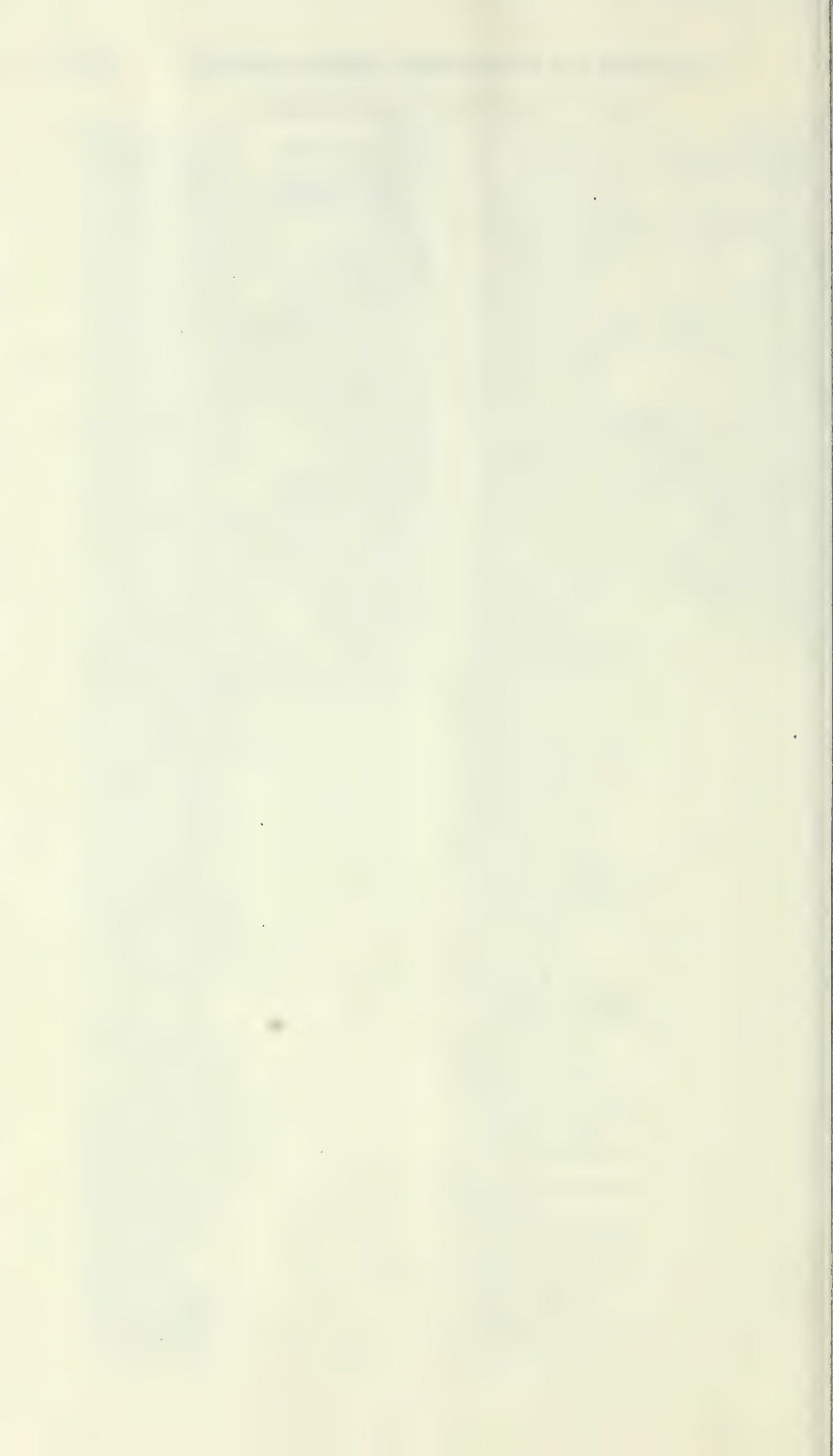
Heterodera rostochiensis

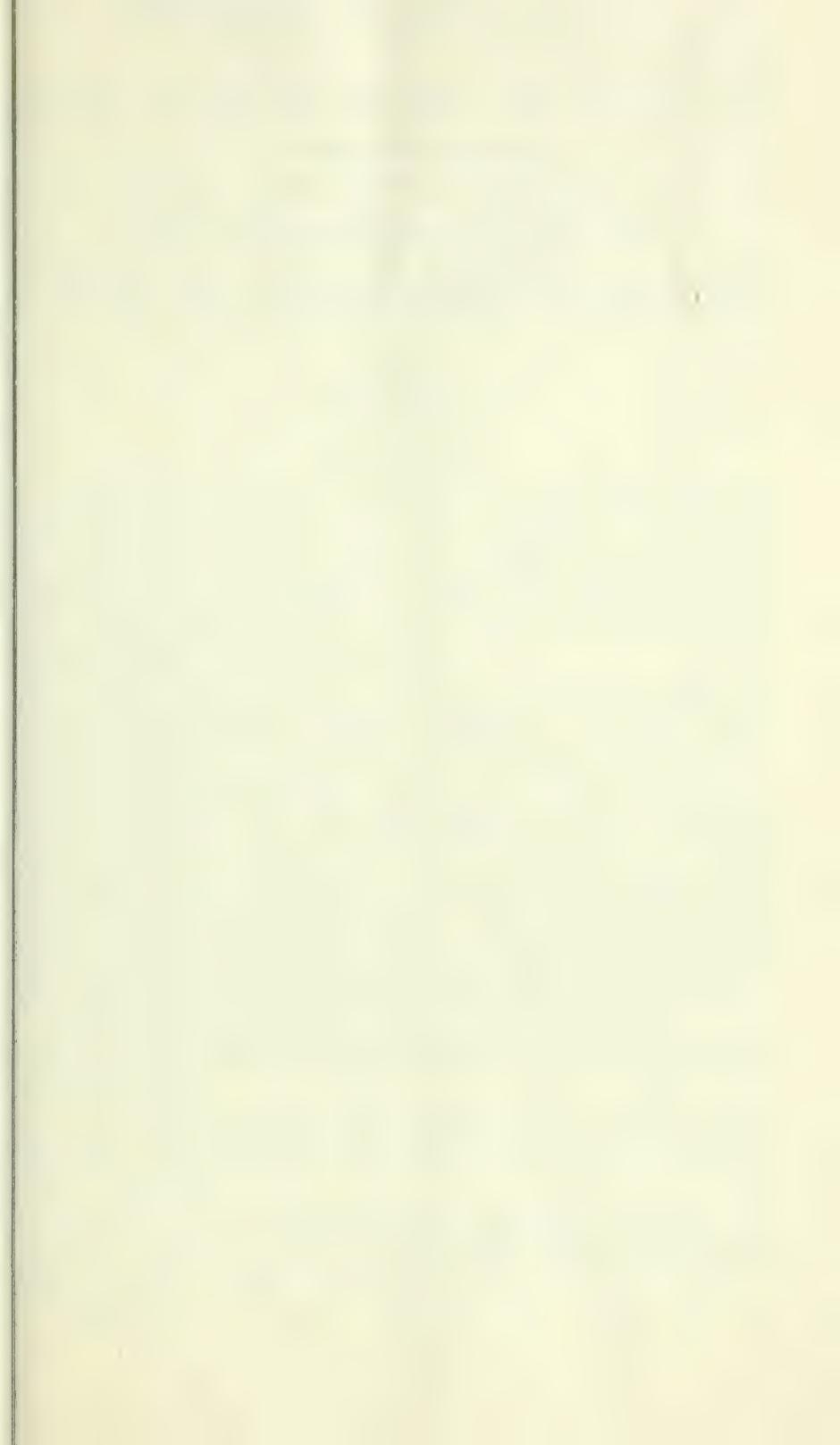
YAP ISLAND:

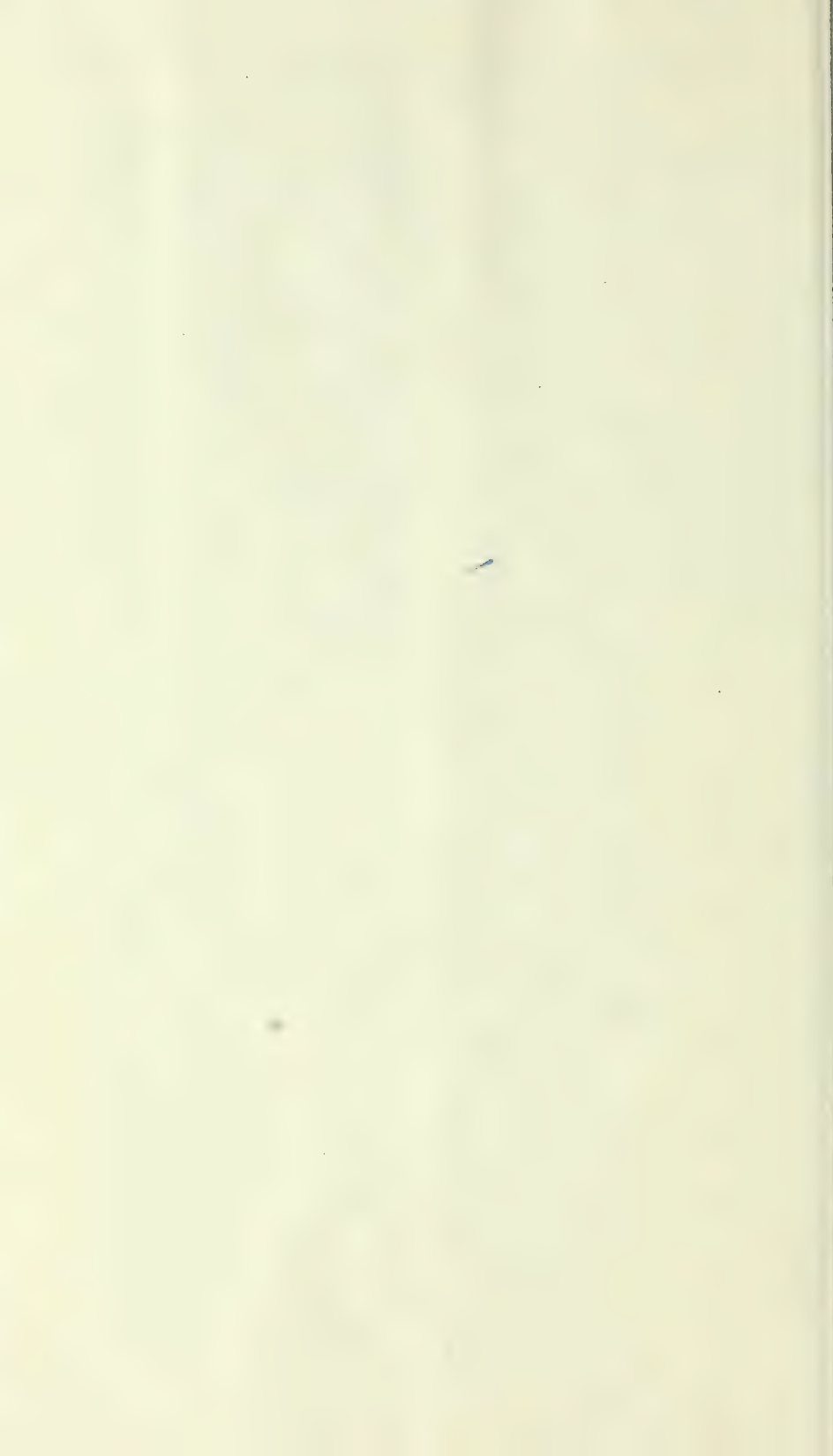
Phomopsis palmicola

YUGOSLAVIA:

Alternaria citri
Puccinia buxi







Issued December 1953

UNITED STATES DEPARTMENT OF AGRICULTURE

AGRICULTURAL RESEARCH SERVICE

SERVICE AND REGULATORY ANNOUNCEMENTS

LIST OF INTERCEPTED PLANT PESTS, 1952

(List of Pests Recorded from July 1, 1951, through June 30, 1952, as Intercepted in, on, or with Plants and Plant Products Entering United States Territory.)

Compiled by
JUDITH HUNT
Plant Quarantine Aid

INTRODUCTION

This report summarizes the records of insect pests, plant pathogens, and certain other organisms found in, on, or with plants and plant products (1) imported, (2) offered for but refused entry, (3) held as ships' stores, etc., and hence not offered for entry through customs, (4) offered for entry for immediate transportation and exportation in bond, and (5) in domestic shipments between both Hawaii and Puerto Rico and the mainland. It covers the thirty-ninth year for which interception lists have been issued.

Because of the large number of collections involved, an effort has been made to restrict this list to those insects and plant diseases of known or potential plant quarantine importance. Intercepted plant pests that are known to be widely distributed throughout the United States are not included unless they are of particular interest.

Some collections made late in the year are included in the report for the following year, since determinations cannot be obtained immediately for all of them. Occasionally determinations are delayed for longer periods. The data for this list were obtained from routine reports by personnel of this Bureau, supplemented by information supplied by State and Customs officials. The States of California and Florida maintain staffs of specialists who identify a large proportion of the material collected at their ports. Specialists of the Bureau of Plant Industry, Soils, and Agricultural Engineering determine many of the difficult or unusual pathogens collected at the ports.

All scientific names are reviewed by appropriate specialists in the Department to assure conformance to the international rules of nomenclature.

Although every effort is made to give the correct origin for all collections listed, the alleged origin of all host-plant materials cannot be verified. Questionable items are therefore omitted or the origin is listed as unknown.

From many parts of the world have come importations of various seeds, fruits, bulbs, corms, rhizomes, plants, and plant products. An increasing number of arrivals by air bring added plant pathogens and pests, of which the golden nematode and the fruit flies continue to be most important.

INTERCEPTIONS FROM AIR-BORNE MATERIAL

Frequent interceptions of air-borne plant pests have been made in baggage, express, freight, mail, and stores. During the year 2,436 interceptions were made of insects on imported plant parts or as stowaways, and 329 interceptions of plant diseases. Slightly less than one-third of the diseases were determined as to genus only, but from the evidence offered little or no risk to the United States. Occasionally pests unknown to this country but known to cause disease in the country of origin were intercepted. Some of the most injurious insects intercepted during the year arrived in, on, or with fruits and plant material coming in by plane.

Some important insects found in air-borne material were:

Acalypta parvula in forest litter, moss, and soil used as packing material in baggage from Spain.

Adoxophes orana on cut flowers of lilac in cargo from the Netherlands.

The citrus blackfly (*Aleurocanthus woglumi*) on leaves of sour lime in baggage from Cuba and Mexico, on *Citrus* sp. leaves in baggage from Jamaica, Mexico, and Panama.

The Mexican fruit fly (*Anastrepha ludens*) in mango in baggage from Guatemala and Mexico; in orange in baggage from Mexico, in orange in stores from Guatemala; the West Indian fruit fly (*A. mombinpraeoptans*) in mango in baggage from the Bahamas, Colombia, Guatemala, Jamaica, Mexico, Nicaragua, Panama, Puerto Rico, and Salvador, in yellow mombin in baggage from Costa Rica, Guatemala, Nicaragua, and Salvador, in yellow mombin in stores from Salvador in unidentified fruit in baggage from Salvador; *A. serpentina* in maney in baggage from Colombia, in sapodilla in baggage from Ecuador, in sapote (*Calocarpum sapota*) in baggage from Nicaragua; *A. suspensa* in guava in baggage from Cuba and Mexico.

Brachycerus albidentatus in garlic in cargo from Italy.

The black vine weevil (*Brachyrhinus sulcatus*) in grape in stores from Belgium.

The Mediterranean fruit fly (*Ceratitis capitata*) in *Annona* sp. in baggage from Portugal, in apple in stores from France, in cactus in baggage from Italy, in fig in baggage from Italy, in grape in stores from France, in guava in baggage from the Azores, in lemon in baggage from the Madeira Islands, in Mandarin orange in baggage from Italy, in Mandarin orange in stores from Portugal and Spain, in mango in baggage from the Madeira Islands, in orange in baggage from Portugal and Spain, in orange in stores from Spain, in peach in baggage from France Italy, Portugal, and Tripoli, in peach in quarters from Italy, in peach in store from the Azores, France, Israel, Italy, and Portugal, in pear in baggage from Greece, in pear in stores from France, in pomegranate in baggage from Greece Italy, and Lebanon, in pricklypear in baggage from Italy; *C. capitata* (?) in coffee berry in baggage from Hawaii.

Ceroplastes sinensis on stem of *Feijoa* sp. in baggage from New Zealand.

Cylas formicarius in sweetpotato in stores from India.

An adult of the oriental fruit fly (*Dacus dorsalis*) in preflight inspection of an airplane departing from Hawaii for the mainland.

The olive fruit fly (*D. oleae*) in olive in baggage from the Azores, Greece, Italy Lebanon, and Palestine.

The oriental fruit moth (*Grapholitha molesta*) in peach in baggage from Korea.

Laspeyresia strobilella in spruce cone in baggage from Germany.

Palaeopus costicollis in yam in baggage from Jamaica.

The pink bollworm (*Pectinophora gossypiella*) in cotton boll in baggage from the Bahamas, Greece, Hawaii, and Jamaica, in okra in baggage from Brazil and Trinidad.

Prodenia litura on gladiolus in cargo from Israel.

Rhagoletis cerasi in cherry in baggage from France, Italy, and Switzerland, in cherry in cargo from Switzerland, in cherry in stores from the Azores, Italy, and Portugal.

Tephritis arnicae on dry cut flowers in baggage from Switzerland.

The papaya fruit fly (*Toxotrypana curvicauda*) in papaya in baggage from Trinidad.

Air-borne plant material was found to carry some important plant pathogens not believed to be established in the United States. Among these were the following:

- Cercospora coffeicola* on coffee leaves in baggage from Brazil.
 - "Chrysanthemum virus Q" on a chrysanthemum plant in cargo from Denmark.
 - Chrysomyxa rhododendri* on *Rhododendron* spp. in baggage from Germany, Hungary, and Switzerland, and on *Rhododendron* sp. in mail from Switzerland.
 - Coniothyrium laburnophilum* on *Laburnum* sp. in mail from Denmark.
 - Elsinoe australis* on orange in stores from Argentina and Brazil.
 - "Leprosis" on orange in stores from an unknown source.
 - Leptosphaeria citricola* on Mandarin orange in baggage from Japan.
 - Phleospora pistaciae* on pistache leaf in baggage from Turkey.
 - Phoma citricarpa* on Mandarin orange in baggage from China and Japan, on orange in baggage from Japan, and on citrus peel in baggage from China; *P. gypsophylae* on *Gypsophila* sp. in cargo from Japan.
 - Phomopsis hellebori* on Christmas-rose in cargo from the Netherlands.
 - Phyllosticta philodendri* on warty philodendron in cargo from Costa Rica.
 - Pythium bulleri* on ginger in cargo from Guam.
 - Septoria unedonis* on *Arbutus unedo* in baggage from Greece.
 - Sphenospora kevorkianii* on *Schomburgkia* sp., an orchid, in cargo from Panama.
 - "Tomato aspermy virus" on chrysanthemum plant in cargo from Denmark.
 - Uredo oncidii* on *Oncidium varicosum rogersi*, an orchid, in express from Brazil and on *Oncidium* sp. in cargo from Guatemala; *U. scabies* on *Vanilla planifolia*, an orchid, in cargo from the Canal Zone.
 - Xanthomonas citri* on lime in baggage from India.
- Intercepted plant diseases of limited distribution in the United States or new to the country of origin and found on air-borne material were:
- Heterosporium iridis* on German iris in cargo from New Zealand.
 - Leptosphaeria heterospora* on monarch iris in mail and on *Iris* spp. in cargo from New Zealand, Palestine, and Turkey.
 - Papulaspora coprophila* on gladiolus corms in cargo from Japan.
 - Phoma iridina* on German iris in cargo from New Zealand.
 - Phyllosticta camelliae* on camellia in mail from Japan; *P. dracaenae* on Banks dracaena in cargo from New Zealand; *P. hedericola* on *Fatsyhedera* sp. in cargo from Belgium and on English ivy in baggage from Ireland; *P. maculiformis* on chestnut in baggage from Italy.
 - Sclrrhodothis bambusae* on Bambuseae stem in cargo from Japan.
 - Septoria chrysanthemi* on chrysanthemum in mail from Japan. *S. dianthi* on carnation in baggage from the Azores.
- Nematodes were also found in air-borne material as follows:
- Heterodera punctata* in soil with strawberry plants in cargo from Scotland, in soil on chrysanthemum plants in express from England, in soil on pick-a-back plants in quarters from Germany, and in soil on lupine plants in baggage from England; the golden nematode (*H. rostochiensis*) in soil with various plants from England, France, Germany, Ireland, and Scotland.
 - Meloidogyne hapla* with roots of clematis in cargo from the Netherlands; *M. incognita* in *Asparagus myriocladus* in express from Japan.

NOTES ON INSECTS INTERCEPTED

FRUIT FLIES

The following fruit flies were intercepted:

The Mexican fruit fly (*Anastrepha ludens*) in grapefruit in baggage from Mexico, in Mandarin orange in quarters and stores from Mexico, in mango in baggage from Guatemala and Mexico, in mango peel in an empty boxcar from Mexico, in pulp attached to mango seed in the bed of a truck from Mexico, in orange in quarters and stores from Guatemala, in orange in baggage, quarters, and stores from Mexico, in pear in baggage from Mexico, in ponderosa lemon in baggage from Mexico, in sour orange in quarters and stores from Mexico, in sweet lime in baggage and cargo from Mexico, and an adult in the bed of a truck from Mexico; *A. ludens* (?) in avocado in baggage from Mexico; the West Indian fruit fly (*A. mombinpraeoptans*) in unidentified fruit in baggage from Salvador, in mango in baggage from the Bahamas, Colombia, Guatemala, Jamaica, Mexico, Nicaragua, Panama, Puerto Rico, Salvador, and the Virgin Islands, in mango in mail from Nicaragua, in mango in quarters from Honduras, Mexico, Puerto Rico, and Trinidad, in mango in stores

from Honduras and Jamaica, in *Spondias* sp. in baggage from Mexico, in yellow mombin in baggage from Costa Rica, Guatamela, Mexico, Nicaragua, and Salvador, in yellow mombin in mail from Nicaragua, in yellow mombin in stores from Salvador; *A. serpentina* in mamey in baggage from Colombia and Mexico, in sapodilla in baggage from Ecuador, in sapote in baggage from Mexico and Nicaragua; *A. striata* in guava in baggage from Mexico; *A. suspensa* in guava in baggage from Cuba and Puerto Rico.

The Mediterranean fruit fly (*Ceratitis capitata*) in *Annona* sp. in baggage from Portugal, in apple in baggage from Italy, in apple in stores from France and Portugal, in apricot in stores from Algeria, in cactus in baggage from Italy, in coffee in baggage and quarters from Hawaii, in fig in baggage from Greece and Italy, in grape in stores from France, in grapefruit in quarters from France, in grapefruit in stores from Algeria, France, Israel, Lebanon, and Spain, in guava in baggage from the Azores, in lemon in baggage from the Madeira Islands, in Mandarin orange in baggage from Africa and Italy, in Mandarin orange in stores from Italy, Portugal, and Spain, in mango in baggage from the Madeira Islands, in *Opuntia* sp. in baggage from Italy, in orange in baggage from Italy, Portugal, and Spain, in orange in quarters from Israel and Spain, in orange in stores from Egypt, Israel, Italy, Morocco, and Spain, in peach in baggage from France, Italy, Portugal, and Tripoli, in peach in quarters from Italy, in peach in stores from the Azores, France, Israel, Italy, Portugal, and Spain, in pear in baggage from Greece and Italy, in pear in stores from France, in pomegranate in baggage from Greece, Italy, and Lebanon, in prickly pear in baggage and cargo from Italy, in quince in baggage and cargo from Italy; *C. capitata* (?) in coffee in baggage and mail from Hawaii, in mango in mail from Hawaii, in olive in baggage from the Azores.

The melon fly (*Dacus cucurbitae*) in cucumber in cargo and stores from Hawaii, in pepper in stores from Hawaii, in string bean in cargo from Hawaii, in tomato in stores from Hawaii; the Oriental fruit fly (*D. dorsalis*) in banana in quarters from Hawaii, in Malay-apple in baggage from Hawaii, in mango in mail and quarters from Hawaii, an adult in preflight inspection of an airplane leaving Hawaii for the mainland; *D. dorsalis* (?) in bell pepper in stores from Hawaii, in guamachil in baggage from Hawaii, in tomato in stores from Hawaii; the olive fruit fly (*D. oleae*) in olive in baggage from the Azores, Greece, Italy, Lebanon, Libya, and Palestine, in olive in cargo from Italy, in olive in mail from Italy and Turkey.

Rhagoletis cerasi in cherry in baggage from France, Italy, Portugal, and Switzerland, in cherry in cargo from Switzerland, in cherry in stores from the Azores, France, Italy, and Portugal; the walnut husk fly (*R. completa*) in walnut in baggage from Mexico; *R. juglandis* in black walnut in baggage from Mexico; the apple maggot (*R. pomonella*) in baggage from Mexico; *R. pomonella* (?) in apple in stores from Sweden; *R. striatella* in husk tomato in baggage from Mexico.

The papaya fruit fly (*Toxotrypana curvicauda*) in papaya in baggage from Trinidad, in papaya in cargo from Mexico, and on the floor of a truck previously used to transport papayas from Mexico.

INSECTS OTHER THAN FRUIT FLIES

The following miscellaneous insects of interest were intercepted:

A curculionid, *Alcidodes dentipes*, in sweet potato in stores from Sierra Leone.

The citrus blackfly (*Aleurocanthus woglumi*) on leaves of *Citrus* sp. in baggage and cargo from Mexico, on coffee leaves in baggage from Mexico, on leaves of lemon, Mandarin orange, and orange in baggage from Mexico, on leaves of sour lime in baggage from Cuba, Jamaica, and Panama, on leaves of sour lime in baggage and cargo from Mexico.

A bruchid, *Bruchus lentis*, in lentil in baggage by air from Italy.

Cacoecia pronubana (Tortricidae) in pomegranate in baggage from Italy and Yugoslavia.

A phycitid, *Cryptoblabes gnidiella*, in chestnut and pomegranate in baggage from Italy, in pomegranate in baggage by air from Italy, in lemon in stores by air from Italy, in papaya in baggage by air from Bermuda, in seagrape berry in cargo by air from Bermuda.

The mango weevil (*Cryptorhynchus mangiferae*) in mango in baggage and quarters from Hawaii, in mango in baggage by air from India.

A curculionid, *Curculio elephas*, in chestnut in baggage, cargo, and mail from Italy, in chestnut in baggage by air from Italy, in chestnut in stores from Portugal.

Cylas puncticollis (Curculionidae) in sweetpotato in stores from British West Africa, Gold Coast, and Sierra Leone.

A pyraustid, *Evergestis forficalis*, in cabbage and cauliflower in stores from France, in cabbage in baggage by air from Ireland.

Hemimene juliana (Olethreutidae) in chestnut in baggage by air from Italy, in chestnut in baggage from Greece, in Macedonian oak seed in mail from Italy.

An elaterid, *Hypolithus riparius*, in grass sod used as ballast from Scotland.

An olethreutid, *Laspeyresia leguminis*, in string bean in stores from Peru.

Leucinodes orbonalis (Pyraustidae) in eggplant in stores from Indonesia.

A phalaenid, *Mamestra brassicae*, in cabbage in baggage by air from Ireland, in cabbage in stores from Italy, in celery in stores from Denmark, in rutabaga in stores from England, in cabbage and parsley in stores from France.

A bean pod borer, *Maruca testulalis*, in string beans in baggage, cargo, mail, and stores from Hawaii, in string beans in stores from Japan and Netherlands Guiana.

An adult scarabaeid, *Melolontha melolontha*, host unknown, in baggage by air from Germany.

Parlatoria chinensis (Coccidae) on a stem of *Pyrus* sp. in baggage from Japan.

An adult *Phloeotribus scarabaeoides* (Scolytidae) with olive branch in baggage from Italy.

A scolytid, *Pityogenes chalcographus*, in pine and spruce in cargo from Sweden, in bark on crate slats from Sweden.

A chrysomelid, *Psylliodes chrysocephala*, in radish in stores from Italy.

Polychrosis botrana (Olethreutidae) in grape in baggage from Italy.

Prays oleellus (Hyponomeutidae) in olive in baggage from Italy.

Sesamia cretica (Phalaenidae) in broomcorn in cargo from Greece and Italy, in corn in baggage from Italy.

A curculionid, *Sitona lineata*, on chrysanthemum in cargo by air from Denmark, on chrysanthemum in baggage by air from Portugal, on lilac in cargo from the Netherlands, and in beet in stores from England.

A curculionid, *Strophosoma melanogrammum*, in soil and woods moss with rosaceous plants in mail from Germany.

SNAILS

The giant African snail (*Achatina fulica*) was taken at San Francisco, and San Pedro, Calif., three times each on returned military equipment coming from Formosa, Guam, and the Philippines. Two interceptions of this species were made at San Pedro on scrap tires and a second-hand generator from Guam, and one interception at Houston, Tex., on scrap metal from the South Pacific.

Bradybaena similaris, an injurious snail not established in the United States, was intercepted at Honolulu, Hawaii, in a box with *Vanda* leis during preflight inspection of a cargo shipment to the mainland. Another injurious snail, *Deroceras reticulatum*, known to be in some of our States was taken at New York, N. Y., with cabbage in cargo from the Netherlands; at Boston, Mass., with carnations and calla lilies in baggage by air from the Azores; at Boston, Mass., with lettuce in stores by air from Lebanon; and at Washington, D. C., with clumps of selloa pampasgrass in mail from New Zealand.

NOTES ON DISEASES INTERCEPTED

Japan again contributed the greatest number of interceptions (55) of citrus canker (*Xanthomonas citri*), 32 of which were on oranges, 16 on lemons, 6 on grapefruits, and 1 on sour lime. China contributed 16 interceptions, 13 of which were on oranges, 2 on Mandarin oranges, and 1 on citrus peel. India contributed 1 each on lime, sour lime, pomelo, and grapefruit. From Formosa (?) and Ceylon came 1 each on orange; Malaysia and the Philippines had 1 each on sour lime; and Thailand had 2 on pummelo. Cancrosis "B" (*Xanthomonas* sp. (?)), another bacterial disease of citrus producing symptoms similar to citrus canker, was intercepted 6 times on lemons and once on grapefruit from Argentina.

Chrysomyxa rhododendri, a spruce and rhododendron rust, was intercepted 5 times on *Rhododendron ferrugineum* from Switzerland and once from Hungary, once each on *R. hirsutum* from England and Germany, and 4 times on *Rhododendron* sp. from Switzerland.

The sweet orange fruit scab (*Elsinoe australis*) was intercepted many times from South America. Of these interceptions 76 were from Brazil, 57 from Argentina, and 1 each from Uruguay and an unknown origin, probably South America, on lemon, Mandarin orange, orange, sour lime, and sour orange.

"Leprosis", a recently reported disease, was intercepted once on Mandarin orange, 8 times on orange from Mexico, and once each on orange from Egypt, Haiti, Panama, and an unknown origin.

Other interceptions were:

Cercospora purpurea on avocado in baggage from Mexico.

Coniothyrium cytisellum on *Laburnocytisus adami* and *Laburnum watereri* in cargo from the Netherlands.

Cryptospora longispora on Norfolk-Island pine in cargo from Australia and on Norfolk-Island pine in mail from Norfolk Island.

Gymnosporangium haraeum on Chinese juniper and dwarf juniper in mail and baggage from Japan.

Leptosphaeria heterospora on various rhizomatous *Iris* species in cargo and mail from Australia, Canada, England, France, Hashemite Kingdom of Jordan, the Netherlands, New Zealand, Palestine, and Turkey; *L. rusci* on *Ruscus* sp. in cargo from Italy.

Macrophomina phaseolina on *Ixia viridiflora* and *Morea spathacea* in mail from the Union of South Africa, on *Iris nigricans* in mail from Hashemite Kingdom of Jordan, on sweetpotato in baggage from Borneo, and on sweetpotato in stores from Japan.

"Peony virus" on peony in cargo from the Netherlands.

Puccinia arenariae on maiden pink and sweet-william in cargo from Switzerland and on sweet-william in baggage from England; *P. ornithogalli-thyrsoideis* on chinkerichie in mail from the Union of South Africa.

Sphaceloma fawcettii var. *scabiosa* on lemon, grapefruit, and *Citrus* sp. in stores from Australia.

The golden nematode (*Heterodera rostochiensis*) has been found in soil with various plants intended for propagation, 8 times from England, 7 times from Scotland, 4 times from Germany, twice from Ireland, and once each from Denmark, France, the Netherlands, and Sweden.

Of importance also have been interceptions of the *Meloidogyne* group such as *M. arenaria* in *Bletilla* sp., an orchid, in cargo from Japan, in dahlia in mail from India, in potato in stores from Chile, and in turnip in cargo from Mexico; *M. exigua* in dahlia in mail from Australia; *M. hapla* in chrysanthemum, clematis, delphinium, and Hungarian hepatica, all in cargo from the Netherlands, and in soil with an unknown plant in baggage from Germany; *M. incognita* in *Asparagus myriocladus* in express from Japan, in banana root in cargo from Mexico, in dahlia in mail from India, and in *Dioscorea* sp. tuber in express from Nicaragua; *M. incognita* (?) in *Mammillaria phymatothele* in mail from Mexico; *M. incognita* var. *acrita* in *Agapanthus* sp. root in cargo from Japan, in parsnip in stores from the Union of South Africa, *M. incognita* var. *acrita* (close to; possibly n. sp.) in *Pogostemon* sp. root in mail from the Philippines; *M. javanica* in *Bletilla* sp., an orchid, in cargo from Japan and in dahlia in mail from Australia.

Tylenchus allii in garlic in cargo from Mexico; *T. putrefaciens* in garlic in baggage and cargo from Mexico.

INCOMPLETELY DETERMINED PESTS

Occasionally complete specific determinations of nematodes, insects, and fungi have been impossible owing to the condition of the material on arrival. Some of these plant pests may be of economic importance, may be new or hitherto unknown to the United States, unknown for the host plant, or they may come from a new country of origin.

INSECTS

Among the incompletely determined insects were the following fruit flies:

Anastrepha sp., probably *fraterculus* (Wied.), at New York, N. Y., in coffee berry in baggage by air from Peru; *Anastrepha* sp., probably *ludens*, at Laredo, Tex., in apple in baggage from Mexico; at Brownsville, and Laredo, Tex., in orange in baggage from Mexico; at Houston, Tex., in orange in quarters from Mexico; *Anastrepha* sp., probably *mombinpraeoptans*, at Boston, Mass., in grapefruit in stores from Trinidad; at Key West, Fla., in mango in stores from Cuba; at Laredo, Tex., in mango in baggage from Mexico; at New Orleans, La., in mango in stores from Jamaica and in *Spondias* sp. in baggage by air from Salvador; at San Ysidro, Calif., in guava in baggage from Mexico; *Anastrepha* sp.,

probably *serpentina*, at Douglas, Ariz., in mango in baggage from Mexico; at Laredo, Tex., in sapote in baggage from Mexico; *Anastrepha* sp., probably *striata*, at Miami, Fla., in mango in baggage by air from Bolivia and Ecuador.

Anastrepha sp. at Miami, Fla., in *Annona* sp. in baggage by air from Peru; at Brownsville, Tex., in avocado in baggage from Mexico; at Miami, Fla., in cherimoya in baggage by air from Peru; at San Ysidro, Calif., in guava in baggage from Mexico; at New York, N. Y., in guava in baggage from Venezuela; at El Paso, Tex., in guava in baggage from Mexico; at Miami, Fla., in mango in baggage by air from Colombia, Guatemala, and Peru; at Hidalgo, Del Rio, Brownsville, Laredo, and El Paso, Tex., in mango in baggage from Mexico; at Houston, Tex., in mango in stores from Haiti; at New York, N. Y., in mango in baggage from Haiti; at Savannah, Ga., in mango in quarters from Puerto Rico; at Baltimore, Md., in orange in stores from Brazil; at Brownsville, El Paso, and Laredo, Tex., in orange in baggage from Mexico; at Galveston, Tex., in orange in quarters and stores from Brazil, at El Paso, Tex., in peach in baggage from Mexico; at Eagle Pass, Tex., in quince in baggage from Mexico; at Tampa, Fla., in sapodilla in baggage by air from Cuba; at Laredo, Tex., in sapote in baggage from Mexico; at Miami, Fla., in soursop in baggage by air from Peru.

Rhagoletis sp. at Laredo, Tex., in pear in baggage from Mexico.

Thirty-four interceptions which could not be identified beyond family (Tephritidae) were intercepted at Laredo, Tex., in apple in baggage from Mexico; at New York, N. Y., in apple in baggage by air from Tripoli; at Seattle, Wash., in apple in stores from Peru; at Boston, Mass., in apricot in stores by air from an unknown origin; at Honolulu, Hawaii in banana in cargo from Siam; at San Diego, Calif., in cucumber in stores from Hawaii; at New York, N. Y., in fresh date in cargo by air from Lebanon and in globe artichoke in baggage from Italy; at Baltimore, Md., and Houston, Tex., in grapefruit in stores from Brazil; at Galveston, Tex., in grapefruit in stores from Argentina; at Norfolk, Va., in grapefruit in stores from Nigeria; at Philadelphia, Pa., in grapefruit in stores from Gold Coast; at Boston, Mass., in guava in baggage by air from the Azores; at Calexico, Calif., in guava in baggage from Mexico; at Honolulu, Hawaii in guava in cargo by air from Siam; at Boston, Mass., in Mandarin orange in stores from India; at New York, N. Y., in Mandarin orange in stores by air from an unknown origin; at Honolulu, Hawaii in mango in stores by air from the Philippines; at Honolulu, Hawaii in nectarine in baggage by air from Australia; at Baltimore, Md., in orange in stores from Brazil; at Boston, Mass., in orange in stores by air from an unknown origin, and in orange in stores from French West Africa and India; at Galveston, Tex., in orange in stores from Spain; at Mobile, Ala., in orange in stores by air from Panama; at San Juan, P. R., in orange in stores from Africa; at New York, N. Y., in papaya in stores from Gold Coast and in peach in baggage by air from France; at Philadelphia, Pa., in pepper in stores from French West Africa; at Boston, Mass., in sweet lime in stores from the Azores; at San Francisco, Calif., in tomato in stores from Hawaii; at Boston, Mass., in vegetable marrow in stores from the Union of South Africa and with mixed fruit in stores by air from an unknown origin.

The following miscellaneous insects of interest were intercepted:

An aleyrodid, Aleurodicinae, new genus near *Aleurodicus*, at Laredo, Tex., on *Oncidium cavendishianum*, an orchid, in cargo from Mexico.

Aleuoplatys sp., near *sculpturatus* Q. & B. (Aleyrodidae) at Hoboken, N. J., on an unidentified leaf in mail from Brazil.

Apion sp., probably *carduorum* Kby., (Curculionidae) at New York, N. Y., and at Philadelphia, Pa., in globe artichoke in stores from France.

An olethreutid, *Argyroproctis* sp., probably *leucotreta* Meyr., at Baltimore, Md., in orange in stores from the Union of South Africa.

Aserica sp. (Scarabacidae) at Honolulu, Hawaii, in soil with dwarf pine in baggage by air from Japan.

A curculionid, *Baris* sp., at Mobile, Ala. and at New York, N. Y., in turnip in stores from France; at Galveston, Tex., in turnip in stores from Portugal.

A cerambycid, "unlike anything in the Museum collection," at Hoboken, N. J., in root of malabar glorylily in cargo by air from the Union of South Africa.

A coccid, Coccinae, "an interesting species", at Brownsville, Tex., on a leaf of *Bromelia* sp. in baggage from Mexico.

Cryptotermes sp., probably *brevis* (Wlk.) (Kalotermitidae), at San Pedro, Calif., in a wooden packing case in express from Cuba.

Cylas sp., probably *femoralis* Faust (Curculionidae), at New York, N. Y., in sweetpotato in stores by air from the Union of South Africa.

A curculionid, *Epicaerus* sp., probably *cognatus* Sharp, at Brownsville, Tex. in potato in baggage and stores from Mexico; at Eagle Pass, Tex., and Laredo, Tex., in potato in baggage from Mexico; at Hildalgo, Tex., in potato in quarters from Mexico; at Houston, Tex., and New Orleans, La., in potato in stores from Mexico.

Gnorimoschema sp., near or equals *bersaniella* Koehr. (Gelechiidae), at Baltimore, Md., in pepper in stores from Brazil; at Charleston, S. C., and at Galveston, Tex., in pepper in stores from Argentina; *Gnorimoschema* sp., near or equals *ocellatella*, at Galveston, Tex., and at New York, N. Y., in beet in stores from Egypt; at Philadelphia, Pa., in beet in stores from France and Israel.

Gymnandrosoma sp. (Olethreutidae) at New York, N. Y., in orange in stores by air probably from Trinidad.

Lixus sp. (Curculionidae) at Philadelphia, Pa., in beet in stores from Israel.

Sp. of Phalaenidae, "very distinctive—nothing like it in the U. S. National Museum", at Charleston, S. C., on banana leaf in cargo from Ecuador.

Phenacaspis sp. (Coccidae), "not recognized as any described species", at Honolulu, Hawaii on *Grammatophyllum scriptum*, an orchid, in air express from the Philippines.

A curculionid, *Premnotrypes* sp., at Galveston, Tex., in potato in stores from Peru.

Sisamnes sp. (Lygaeidae), probably a new species, at Laredo, Tex., on cactus in cargo from Mexico.

A scolytid, *Stephanoderes* sp., probably *lecontei* Hopk., at Honolulu, Hawaii in seed of *Lysidice rhodostegia* in mail from Cuba.

Tetralicia sp. (Aleyrodidae), "undescribed and very interesting", at Nogales, Ariz., on white sapote leaf in baggage from Mexico.

There were 1,926 interceptions distributed among 564 genera, which could be identified to genus only. A total of 86 could be determined to family or subfamily only.

A total of 2,012 incompletely determined insects were intercepted during the year.

DISEASES

Suspected pathogens, some probably new to this country, determined to genus only were:

Ascochyta sp., at Washington, D. C., on *Mahonia bealii* in cargo from the Netherlands; at San Francisco, Calif., on *Odontoglossum grande*, an orchid, in air cargo from Guatemala.

Camarosporium sp., at Nogales, Ariz., on *Agave* sp. in baggage from Mexico; at Hoboken, N. J., on *Cercidiphyllum* sp. in cargo from the Netherlands; at San Francisco, Calif., on *Cymbidium canaliculatum*, an orchid, in mail from Australia; at Laredo, Tex., on *Epidendrum* sp., an orchid, in cargo from Mexico.

Caryospora sp., at San Francisco, Calif., on *Iris atropurpurea* in mail from England, on *Iris germanica* in mail from Australia and on *Iris saari* in mail from Turkey.

Cercospora sp., at San Juan, P. R., on *Eryngium foetidum* in a shipment from the mainland; at Laredo, Tex., on *Philodendron* sp. in baggage and cargo from Mexico.

Coniothyrium sp., probably *olivaceum*, at El Paso, Tex., on sweet lime in baggage from Mexico; at Honolulu, Hawaii, on Mandarin orange in baggage by air from China; at San Francisco, Calif., on coconut in baggage from Hawaii; at Washington, D. C., on Jobs-tears in mail from the Philippines; at San Francisco, Calif., on *Cymbidium* sp., an orchid, in cargo from England; at Laredo, Tex., on *Laelia* sp., an orchid, in cargo from Mexico; at Laredo, Tex., on *Philodendron* sp. in cargo from Mexico.

Coryneum sp., probably *microstictum* Berk. & Br., at Seattle, Wash., on *Rosa* sp. (fruit) in mail from Canada.

Probably *Cryptosphaerella* sp., at San Francisco, Calif., on *Oncidium splendens*, an orchid, in cargo from Guatemala; *Cryptosphaerella* sp., at Laredo, Tex., on orchid in cargo from Mexico.

Endoconidiophora sp., at San Francisco, Calif., on ginger in cargo from Japan.

Frankiella sp., close to *alni* (Wor.) Maire & Tison, at Seattle, Wash., on *Cercidiphyllum japonicum* in cargo from Japan.

Haplosporella sp., at Philadelphia, Pa., on wisteria vine in quarters from Japan.

Hendersonia sp., at San Francisco, Calif., on *Epidendrum* sp., an orchid, in cargo from Salvador; at San Francisco, Calif., on *Haworthia margaritifera* in mail from the Union of South Africa; at Nogales, Ariz., an orchid in baggage from Mexico; at Washington, D. C., on rice seed in mail from Cuba and on *Stylocanthes* sp. in mail from Ethiopia.

Hypoderma sp., at Nogales, Ariz., on *Dodonaea* sp. in cargo from Mexico.

Hysteroglyphium sp., at Brownsville, Tex., on orchid in cargo from Mexico; at San Francisco, Calif., on *Laelia superbiens*, an orchid, in cargo by air from Guatemala.

Lembosipsis sp., at Brownsville, Tex., on *Miltonia endresii*, an orchid, in cargo by air from Costa Rica.

Leptosphaeria sp., at Calexico, Calif., on bamboo cane in cargo from Mexico; at San Pedro, Calif., on *Phalaenopsis* sp., an orchid, in baggage from the Philippines; at Laredo, Tex., on *Philodendron* sp. in cargo from Mexico.

Leptostroma sp., at Honolulu, Hawaii, on *Agathis australis* in cargo by air from New Zealand; at Nogales, Ariz., on *Hibiscus cannabinus* in baggage from Mexico.

Lophodermium sp., at San Francisco, Calif., on *Sobralia* sp., an orchid, in cargo by air from Nicaragua.

Monilinia sp., suggesting *laxa* (Aderh. & Ruhl.) Honey, at Hoboken, N. J., on rock cotoneaster in cargo from the Netherlands.

Mycosphaerella sp., at Brownsville, Tex., on orange in baggage from Mexico; at Honolulu, Hawaii, on *Banks dracaena* in cargo by air from New Zealand; at San Francisco, Calif., on *Cymbidium elegans*, an orchid, in cargo by air from India; at Miami, Fla., on *Epidendrum radicans*, an orchid, in cargo by air from Costa Rica; at San Francisco, Calif., on *Epidendrum ybagueense* in cargo by air from the Canal Zone.

Naemosphaeria sp. (?), at Hoboken, N. J., on *Ficus* sp. stem in cargo from Italy. *Nocardia* sp., at Hoboken, N. J., on black barberry in cargo from the Netherlands.

Ophiobolus sp., at San Francisco, Calif., on coconut in baggage from Hawaii and Japan; at San Francisco, Calif., on coconut in mail from Guam; at Nogales, Ariz., on orchid in baggage from Mexico.

Pachybasium sp., at Hoboken, N. J., on tulip in cargo from the Netherlands.

Periconia sp., at San Francisco, Calif., on cucumber in stores from Japan.

Pestalotia sp., at Laredo, Tex., on *Philodendron* sp. in cargo from Mexico.

Phaeosphaeria sp., at San Francisco, Calif., on *Acorus* sp. in cargo by air from Japan.

Phyllostictina sp., at Laredo, Tex., on lime leaf in cargo from Mexico; at San Francisco, Calif., on *Cypripedium insigne*, an orchid, in mail from India; at Honolulu, Hawaii, on *Cypripedium* sp. in baggage from Japan and on *Dendrobium undulatum*, an orchid, in cargo by air from Australia; at San Francisco, Calif., on *Dendrobium* spp. in mail from American Samoa; at San Francisco, Calif., on *Dendrobium* sp. in cargo by air from Australia; at Laredo, Tex., on *Oncidium* sp., an orchid, in baggage from Mexico; at Miami, Fla., on orchid leaf in cargo from Brazil.

Phytophthora sp., at New York, N. Y., on orange in stores from Brazil; at El Paso, Tex., on Italian squash in cargo from Mexico; at Hoboken, N. J., on gloxinia in air express from Belgium.

Septoria sp., at Hoboken, N. J., on *Heurnia* sp. in mail from the Union of South Africa.

Rhabdospora sp., at Washington, D. C., on *Dombeya* sp. in mail from Cuba; at San Francisco, Calif., on *Stewartia monadelphica* in cargo from Japan.

Sclerotium sp., at Seattle, Wash., on globe butterflybush in cargo from England; at Hoboken, N. J., on Christmas-rose in cargo from England; at Seattle, Wash., on *Lycoris aurea* and *L. radiata* in cargo from Japan and on *L. squamigera* in mail from Japan; at San Francisco, Calif., on *L. squamigera* in cargo from Japan; at Baltimore, Md., on cipollino in cargo from Italy; at San Francisco, Calif., on potato in stores from New Zealand.

Scolecopeltidium sp., at Brownsville, Tex., on *Odontoglossum chiriquense*, an orchid, in cargo by air from Costa Rica; at Seattle, Wash., on orchid in mail by air from the Canal Zone.

Septoria sp., at Laredo, Tex., on *Agave* sp. and *Cattleya citrina*, an orchid, in cargo and on orange in baggage from Mexico; at Hoboken, N. J., on *Heurnia* sp. and *Stapelia* sp. in mail from the Union of South Africa; at Washington, D. C., on *Medicago* sp. in mail from Ethiopia; at San Francisco, Calif., on *Cypripedium insigne*, an orchid, in cargo from India.

Stagonospora sp., at Boston, Mass., on *Stipa tenacissima* in cargo from Italy.

Streptomyces sp., at Philadelphia, Pa., on celery in stores from Sweden.

Tridens sp., at Hoboken, N. J., on *Cereus nudiflorus* in mail from Cuba.

Uredo sp., at Washington, D. C., on *Piper* sp. in cargo from Colombia.

Verticillium sp., probably *candidulum* Sacc. var. *binotianum* Sacc., at Honolulu, Hawaii, on *Phalaenopsis aphrodite*, an orchid, in cargo from the Philippines.

Voluella sp., at San Pedro, Calif., on ginger in cargo from Japan.

Incompletely determined nematodes worthy of mention were:

Aphelenchoides, new species, at El Paso, Tex., in garlic in cargo from Mexico;

Aphelenchoides sp. (undescribed) at Hoboken, N. J., in *Solanum tuberosum* var. "Furore" in cargo from the Netherlands.

Aphelenchus, new species, at El Paso, Tex., in wheat in mail from Yugoslavia.

Ditylenchus sp., at Brownsville, Tex., El Paso, Tex., and Laredo, Tex., in garlic in cargo from Mexico; at Hoboken, N. J., in bulbs of *Chionodoxa* sp., in corms of *Colchicum* sp., and in bulbs of *Tigridia* sp. in cargo from the Netherlands.

Helicotylenchus, new species, at New York, N. Y., in soil with rockcress plants in baggage by air from Germany.

Heterodera sp., probably *carotae* Jones at San Juan, P. R., in soil with potatoes in stores from Spain; *Heterodera* sp., possibly *goettingiana* Liebscher, at New York, N. Y., in soil with bagging in cargo from the Netherlands and in soil with ivy plants in baggage from France and at Seattle, Wash., in soil with potatoes in stores from Australia; *Heterodera* sp., probably *trifolii*, at San Juan, P. R., in soil with potatoes in cargo from Spain.

Heterodera sp. at San Pedro, Calif., in soil with Amaryllidaceae bulbs in mail from Ireland; at New York, N. Y., in soil on army vehicles from Belgium and Germany and with asparagus in baggage and mail from Germany; at Baltimore, Md., in soil with bagging in cargo from England; at New York, N. Y., in soil with bagging in cargo from Belgium, Denmark, England, France, Germany, Italy, the Netherlands, Scotland, and Switzerland; at Norfolk, Va., in soil with bagging in cargo from Belgium, England, Germany, the Netherlands, and Scotland; at Philadelphia, Pa., in soil with bagging in cargo from Belgium, the Netherlands, and Scotland; at San Pedro, Calif., in soil with burlap bags in cargo from the Netherlands, at New York, N. Y., and at Philadelphia, Pa., in sand and soil ballast from England and Scotland; at Blaine, Wash., in soil with potatoes in stores from Tasmania; at Charleston, S. C., in soil with leek and potatoes in stores from the Netherlands; at Boston, Mass., in soil with chrysanthemum plants in baggage from England, in soil with camellia and rose plants in baggage by air from Italy, in soil with brunsvigia bulbs and unidentified herbs in baggage by air from the Azores; at Hoboken, N. J., in soil with plant material for propagation from England, France, Germany, Italy, the Netherlands, Scotland, Switzerland, and Yugoslavia and in soil with potatoes in cargo from the Netherlands; at New York, N. Y., in soil with an army vehicle from Germany, in soil with dasheens in cargo from the Azores, in soil with forget-me-not plants in quarters by air from England, in soil with onions in cargo from Chile, in soil with potatoes in cargo from Spain, in soil with shamrocks in cargo by air from Ireland, in soil with loquat cuttings in baggage from Lebanon, in soil with *Pelargonium* sp. in baggage from England, in soil with potatoes in baggage by air from Germany, in soil with salsify roots in baggage from Belgium, in soil with potatoes in stores from the Netherlands and Scotland, with plant material for propagation from the Azores, Denmark, England, France, Germany, Greece, Italy, the Netherlands, Scotland, and Switzerland, and in soil with potatoes in baggage from the Azores, England, and Germany; at Norfolk, Va., in soil with carrots in stores from the Netherlands, in soil with parsnips in stores from Ireland, in soil, with potatoes in stores from Belgium, Brazil, Denmark, the Netherlands, and Norway; at Philadelphia, Pa., in soil with cabbage in stores from Portugal, in soil with carrots in stores from England, in soil with gobo roots in stores from Japan, in soil with leeks in stores from Norway, in soil with unknown plants in quarters from France, in soil with shamrocks in mail from Ireland, in soil with potatoes in stores from Australia, Belgium, Brazil, Egypt, England, Germany, Italy (?), the Netherlands, New Zealand, Spain, and Sweden, in soil with plant material for propagation from Germany, Japan, Morocco, the Netherlands, Sweden, and Yugoslavia; at San Francisco, Calif., in soil with potatoes in stores from Australia, England, and Peru, in soil with plant material for propagation from Germany, Italy, the Netherlands, and Yugoslavia; at San Pedro, Calif., in soil with beets and parsnips in stores from England, in soil with white clover in mail from Ireland; at San Juan, P. R., in soil with potatoes in cargo

from Spain; at Seattle, Wash., in soil with carrots in stores from the Netherlands, in soil with plant material for propagation from Canada, England, Germany, Ireland, and Japan.

Hoplolaimus, new species, at Honolulu, Hawaii, in roots of *Asparagus myriocladus* in express from Japan.

Possibly an undescribed species of *Meloidogyne* at San Pedro, Calif., in the root of an unidentified plant in baggage from Salvador; *Meloidogyne* sp., at Hoboken, N. J., in the root of *Aster yunnanensis* in cargo from the Netherlands and in *Begonia multiflora* in cargo from Belgium; at Seattle, Wash., in *Bletilla hyacinthina*, an orchid, in cargo from Japan; at San Pedro, Calif., in carrot in stores from Japan; at Hoboken, N. J., in dahlia tubers in mail from India and in dahlia tubers in cargo from the Netherlands; at Laredo, Tex., in dahlia tubers in mail from Israel and in *Lophophora williamsii* in cargo from Mexico; at Hoboken, N. J., in root of *Passiflora* sp. in baggage from Bermuda and in *Sinningia* sp. in cargo from the Netherlands; at Philadelphia, Pa., in potato in stores from Portugal; at Hoboken, N. J., in root of *Viburnum* sp. in cargo from Belgium.

Paraphelenchus sp., at Seattle, Wash., in *Bletilla hyacinthina* in cargo from Japan.

Pratylenchus sp., at Washington, D. C., in soil with tulip and narcissus bulbs in cargo from Germany.

Rotylenchus sp., at New York, N. Y., in soil with crocus plants in baggage by air from the Netherlands.

A tylenchid, new genus, at Washington, D. C., in soil around dracaena plants in air express from the French Cameroons.

Tylenchus sp., at New York, N. Y., in *Allium neapolitanum* in cargo from Turkey; at Seattle, Wash., in *Bletilla* sp. in cargo from Japan.

Xiphinema sp., at New York, N. Y., in soil with *Aloe* sp. plants in baggage by air from Italy.

A total of 827 incompletely determined pathogens were recorded during the year.

Summary of Numbers of Interceptions Listed in Main Table

Country	Insect	Disease	Country	Insect	Disease
	Number	Number		Number	Number
Africa:			Europe—Continued		
Afghanistan.....	0	3	Ireland.....	12	8
Africa (country unknown).....	1	1	Italy.....	231	16
Algeria.....	7	1	Netherlands.....	33	100
British West Africa.....	2	0	Norway.....	3	3
Canary Islands.....	1	1	Portugal.....	17	5
Cape Verde Islands.....	0	1	Scotland.....	9	42
Egypt.....	2	1	Spain.....	15	17
Ethiopia.....	0	4	Sweden.....	10	7
French West Africa.....	0	1	Switzerland.....	4	15
Gold Coast.....	9	0	Trieste.....	1	0
Kenya.....	0	1	Turkey.....	2	6
Liberia.....	3	0	Union of Soviet Socialist		
Libya.....	1	0	Republics.....	0	1
Madeira Islands.....	3	0	Yugoslavia.....	4	0
Morocco.....	3	0	North America:		
Mozambique.....	0	1	Bermuda.....	21	4
Natal.....	0	1	Canada.....	2	12
Nigeria.....	0	1	Canal Zone.....	45	4
Sierra Leone.....	2	0	Central America.....	1	0
Tripoli.....	1	0	British Honduras.....	1	1
Union of South Africa.....	22	29	Costa Rica.....	15	5
Asia:			Guatemala.....	27	6
Borneo.....	0	1	Honduras.....	6	0
China.....	3	160	Nicaragua.....	12	1
Formosa.....	4	21	Panama.....	33	3
Hashemite Kingdom of Jordan			Salvador.....	14	1
dan.....	0	2	Mexico.....	872	122
India.....	43	19	West Indies:		
Indonesia.....	3	1	Bahamas.....	3	0
Israel.....	9	1	Barbados.....	4	0
Japan.....	127	265	British West Indies.....	1	0
Jerusalem.....	2	0	Cuba.....	58	4
Korea.....	1	2	Curacao.....	1	0
Malaysia.....	0	1	Dominica.....	2	0
Pakistan.....	1	0	Dominican Republic.....	4	0
Palestine.....	2	3	Haiti.....	2	2
Straits Settlements.....	3	5	Jamaica.....	24	0
Syria.....	1	0	Montserrat.....	1	0
Thailand.....	2	0	Puerto Rico.....	12	3
Australasia:			Trinidad.....	13	1
Arno Atoll Island.....	1	0	Virgin Islands.....	1	0
Australia.....	12	33	South America:		
Ceylon.....	1	2	Argentina.....	2	55
Fiji Islands.....	1	0	Bolivia.....	1	0
Guam.....	7	5	Brazil.....	21	96
Hawaii.....	136	34	British Guiana.....	0	1
Java.....	1	1	Chile.....	7	1
Lebanon.....	9	1	Colombia.....	5	0
Marshall Islands.....	1	0	Ecuador.....	27	0
New Zealand.....	3	12	Netherlands Guiana.....	3	0
Norfolk Island.....	0	2	Peru.....	4	4
Palmyra Islands.....	1	1	Uruguay.....	1	1
Philippines.....	27	4	Venezuela.....	12	1
Saipan.....	1	0	Total:		
South Pacific.....	2	0	Africa.....	57	46
Tahiti.....	1	2	Asia.....	201	481
Wake Island.....	1	0	Australasia.....	206	97
Yap Island.....	1	0	Europe.....	442	379
Europe:			North America.....	1,170	169
Austria.....	0	3	South America.....	83	159
Azores.....	13	1	Unknown.....	11	3
Belgium.....	3	16	Total	2,170	1,334
Czechoslovakia.....	1	0	Total incompletely deter-		
Denmark.....	3	10	mined pests.....	2,012	827
England.....	13	88	Total insect interceptions.	4,182	-----
Europe (locality unknown).....	0	1	Total disease intercep-		
Finland.....	0	1	tions		2,161
France.....	28	14	Grand total		16,343
Germany.....	22	19			
Greece.....	17	5			
Hungary.....	1	1			

¹ This total represents only pests of known or potential plant-quarantine importance. The total of all interceptions made during the year was 15,311.

NOTE.—Interceptions were also made from American Samoa, Antigua, Belgian Congo, Burma, Caicos Islands, Cook Islands, Cyprus, French Cameroons, Guadeloupe, Iran, Madagascar, New Guinea, New Hebrides, Okinawa, St. Kitts, St. Vincent, Samoa, Solomon Islands, Transvaal, and Tunisia.

Pests (insects) collected and reported from July 1, 1951, through June 30, 1952

[An asterisk indicates State inspection]

Insect and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
<i>Acala schalleriana</i> (F.) (Tortricidae):	Belgium			1	N. J.
<i>Rhododendron indicum</i> (indica azalea)					
<i>Acalymma trivittata</i> (Mann.) (Chrysomelidae):	Mexico	1			Ariz.
<i>Lactuca sativa</i> (lettuce)					
<i>Acalypta parvula</i> (Fall.) (Tingidae):	Spain			1	N. Y.
Forest litter, moss, and soil used as packing material.					
<i>Acanthoscelides griseolus</i> (Fall) (Bruchidae):	Mexico			1	Calif.
<i>Sesbania</i> sp.	Greece	1		1	Mass., N. Y.
<i>Acanthoscelides spinipes</i> (Er.) (Bruchidae):					
<i>Acacia</i> sp.					
<i>Achatina fulica</i> Fer. (Mollusca):	Formosa, Guam, Philippines.	7			Calif.*
Returned military equipment	Guam, South Pacific	2			Calif.,* Tex.
Scrap metal					
<i>Adoretus sinicus</i> Burm. (Scarabaeidae):	Hawaii	1			Hawaii.
Orehid.					
<i>Adorophyes orana</i> (F. R.) (Tortricidae):	Netherlands	9			N. Y.
<i>Syringa</i> sp. (lilac)					
<i>Aeolus vermiculatus</i> Champion (Elateridae):	Mexico			1	Tex.
Orehid.					
<i>Agallia lingula</i> Van D. (Cicadellidae):	Mexico	1			Tex.
<i>Ananas comosus</i> (pineapple)					
<i>Aganactes indecora</i> (Dyar) (Galleriidae):	Jamaica	1			Fla.*
<i>Cassia fistula</i> (golden-shower)					
<i>Agrotis ypsilon</i> (Rott.) (Phalaenidae):	Australia		1		Tex.
<i>Brassica oleracea capitata</i> (cabbage)					
<i>Alcidodes dentipes</i> (Oliv.) (Curculionidae):	Sierra Leone		1		Pa.
<i>Ipomoea batatas</i> (sweetpotato)					
<i>Aleurocanthus woglumi</i> Ashby (Aleyrodidae):	Cuba, Mexico	15			Ariz., Fla.,* Tex.
<i>Citrus aurantifolia</i> (sour lime)					
<i>Citrus limon</i> (lemon)	Mexico	2			Tex.
<i>Citrus reticulata</i> (Mandarin orange)	do	2			Tex.
<i>Citrus sinensis</i> (orange)	do	1			Calif.
<i>Citrus</i> sp.	Jamaica, Mexico, Panama.	13			Calif.,* Fla.,* Tex.
<i>Coffea</i> sp. (coffee)	Mexico	2			Ariz., Tex.
<i>Aleuroglandulus emmae</i> Rsl. (Aleyrodidae):	do			1	Ariz.
<i>Impatiens balsamina</i> (?)	do			1	Ariz.
<i>Psidium</i> sp., probably <i>guajava</i>					
<i>Aleurothrix floccosus</i> (Mask.) (Aleyrodidae):	do		1		Tex.
<i>Citrus aurantifolia</i> (sour lime)					
<i>Aleurotuberculatus jasmini</i> Takah. (Aleyrodidae):	Philippines			1	Calif.*
<i>Jasminum</i> sp.					
<i>Allantus cinctus</i> (L.) (Tenthredinidae):	Netherlands			1	Wash.
<i>Rosa multiflora superba</i>	Belgium, Netherlands			2	N. J.
<i>Rosa</i> sp.					
<i>Amitermes unidentatus</i> Wasm. (Termitidae):	Gold Coast	1			Md.
<i>Khaya</i> sp.					
<i>Amorbia emigratella</i> Busck (Tortricidae):	Mexico	1			Tex.
<i>Capsicum frutescens grossum</i> (bell pepper)	do	1			Tex.
<i>Gladiolus</i> sp.					
<i>Anastrepha ludens</i> (Loew) (Tephritidae):	do	6			Tex.
<i>Citrus aurantifolia</i> (sweet lime)	do		1		Tex.
<i>Citrus aurantium</i> (sour orange)	do		1		Tex.
<i>Citrus limon ponderosa</i>	do		1		Tex.
<i>Citrus paradisi</i> (grapefruit)	do	7			Tex.
<i>Citrus reticulata</i> (Mandarin orange)	do		2		Ala., Tex.
<i>Citrus sinensis</i> (orange)	Central America, Guatemala, Mexico.	157	14		Ariz., Calif.,* La., Tex.
<i>Mangifera indica</i> (mango)	Guatemala, Mexico	32	2		Ariz., Calif.,* Tex.
<i>Pyrus communis</i> (pear)	Mexico	4			Tex.
Truck bed	do		1		Tex.
<i>Anastrepha ludens</i> (Loew) (?) (Tephritidae):	do				
<i>Citrus sinensis</i> (orange)	do	1			Tex.
<i>Persea americana</i> (avocado)	do	1			Tex.

Pests (insects) collected and reported from July 1, 1951, through June 30, 1952—
Continued

[An asterisk indicates State inspection]

Insect and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
<i>Anastrepha mombinpraeoptans</i> Sein (Tephritidae):					
Fruit—unidentified	Salvador	1			Calif.*
<i>Mangifera indica</i> (mango)	Bahamas, Colombia, Guatemala, Honduras, Jamaica, Mexico, Nicaragua, Panama, Puerto Rico, Salvador, Trinidad, Virgin Islands.	63	7		Ala., Calif., Fla., La., Md., N. Y., Pa., S. C., Tex.
<i>Spondias mombin</i> (yellow mombin)	Costa Rica, Guatemala, Mexico, Nicaragua, Salvador.	12	1		Calif.,* La., Tex.
<i>Spondias</i> sp.	Mexico	1			Tex.
<i>Anastrepha mombinpraeoptans</i> Sein (?) (Tephritidae):					
<i>Mangifera indica</i> (mango)	do	1			Tex.
<i>Anastrepha serpentina</i> (Wied.) (Tephritidae):					
<i>Achras zapota</i> (sapodilla)	Ecuador	1			Calif.*
<i>Calocarpum sapota</i> (mamey sapote)	Mexico, Nicaragua	2			Calif.,* Tex.
<i>Mammea americana</i> (mamey)	Colombia, Mexico	4			Fla.,* Tex.
<i>Anastrepha striata</i> Schiner (Tephritidae):					
<i>Psidium guajava</i> (guava)	Mexico	1			Ariz.
<i>Anastrepha suspensa</i> (Loew) (Tephritidae):					
<i>Psidium guajava</i> (guava)	Cuba, Puerto Rico	4			Fla.,* N. Y.
<i>Ancylostomia stercorea</i> (Zell.) (Phycitidae):					
<i>Pisum sativum</i> (pea)	Puerto Rico	1			Tex.
<i>Antonina graminis</i> (Mask.) (Coccidae):					
Grass	Philippines	1			Calif.*
<i>Anuraphis tulipae</i> (Fonse.) (Aphidae):					
<i>Arracacia xanthorrhiza</i>	Brazil			1	D. C.
<i>Crocus</i> sp.	Netherlands			1	N. Y.
<i>Iris atrofusca</i>	Jerusalem			2	D. C., N. J.
<i>Iris</i> spp.	Italy			1	N. J.
<i>Tulipa</i> sp.	Netherlands			1	Pa.
<i>Aonidiella citrina</i> (Coq.) (Coccidae):					
<i>Citrus sinensis</i> (orange)	Philippines		1		Calif.*
<i>Pyrus communis</i> (pear)	Greece	1			N. Y.
<i>Aonidiella comperi</i> McKenzie (?) (Coccidae):					
<i>Citrus grandis</i>	Thailand			1	Hawaii
<i>Aonidiella inornata</i> McKenzie (Coccidae):					
<i>Cocos nucifera</i> (coconut)	Marshall Islands, South Pacific.	2			Calif.*
<i>Jasminum</i> sp.	Philippines			1	Calif.*
<i>Aphis callunae</i> Theob. (Aphidae):					
<i>Calluna vulgaris</i> (heather)	Scotland	1			N. Y.
<i>Argyresthia confugella</i> (Zell.) (Hyponomeutidae):					
<i>Malus sylvestris</i> (apple)	Norway, Sweden	2	2		N. Y., Wash.
<i>Argyroploce leucotreta</i> Meyr. (Olethreutidae):					
<i>Citrus paradisi</i> (grapefruit)	Gold Coast		1		Pa.
<i>Citrus sinensis</i> (orange)	Union of South Africa		2		Tex.
<i>Arvelius albopunctatus</i> (Deg.) (Pentatomidae):					
<i>Capiscum frutescens</i> (pepper)	Mexico	1			Tex.
<i>Aspidiotus corticis-pini</i> Ldgr. (Coccidae):					
<i>Pinus</i> sp. (5-leaved pine)	Japan			2	Calif.*
<i>Aspidiotus cryptoxanthus</i> Oкл. (Coccidae):					
<i>Castanea</i> sp. (chestnut)	do			1	D. C.
<i>Aspidiotus degeneratus</i> (Leon) (Coccidae):					
<i>Schima</i> sp.	do			1	Calif.*
<i>Aspidiotus destructor</i> Sign. (Coccidae):					
<i>Achras zapota</i> (sapodilla)	Bahamas		1		Fla.*
Araceae	Cuba	1			Fla.*
<i>Cocos nucifera</i> (coconut)	Canal Zone, Mexico, Panama.	3	1	1	Calif.*
<i>Epidendrum</i> sp. (orchid)	Japan			1	Calif.*
<i>Haworthia</i> sp.	Union of South Africa			1	Calif.*
<i>Musa paradisiaca sapientum</i> (banana)	Panama		1		Calif.*
Orchid	Canal Zone			1	Fla.
<i>Persea americana</i> (avocado)	Cuba		1		Fla.*
Plant—unidentified	Panama			1	Ala.
<i>Sweetenia mahagoni</i> (mahogany)	Dominican Republic			1	Fla.

Pests (insects) collected and reported from July 1, 1951, through June 30, 1952—
Continued

[An asterisk indicates State inspection]

Insect and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
<i>Aspidiotus herculeanus</i> Kkll. & Hadd. (Coccidae):					
<i>Chrysophyllum cainito</i> (star-apple).....	Cuba.....	1			Fla.*
<i>Aspidiotus latastei</i> Kkll. (Coccidae):					
<i>Prunus persica nectarina</i> (nectarine).....	Chile.....	1			N. Y.
<i>Aspidiotus palmarum</i> Kkll. (Coccidae):					
Araceae.....	Cuba.....	1			Fla.*
<i>Cocos nucifera</i> (coconut).....	Mexico, Nicaragua.....	2			Calif.*
<i>Laurus nobilis</i> (Grecian laurel).....	Brazil.....	1			Fla.*
<i>Musa paradisiaca sapientum</i> (banana).....	Panama.....	1			Calif.*
<i>Vriesia</i> sp.....	Germany.....			1	N. J.
<i>Asterolecanium agavis</i> Rsl. (Coccidae):					
Plant—unidentified.....	Mexico.....	1			Tex.
<i>Asterolecanium bambusae</i> (Bdv.) (Coccidae):					
Bamboo.....	Cuba, Mexico.....	1		1	Fla., Tex.
<i>Asterolecanium epidendri</i> (Bouche) (Coccidae):					
<i>Broughtonia lilacina</i> (orchid).....	Jamaica.....			1	Hawaii
<i>Cattleya</i> sp. (orchid).....	Costa Rica.....			1	Calif.*
<i>Gongora</i> sp. (orchid).....	Canal Zone.....			1	Calif.*
Orchid.....	Cuba, Panama, Trinidad.....			3	Fla., P. R.
<i>Asterolecanium pustulans</i> (Kkll.) (Coccidae):					
<i>Mangifera indica</i> (mango).....	Jamaica.....			1	Fla.
<i>Nerium oleander</i> (oleander).....	Cuba.....	1			Fla.*
<i>Plumeria</i> sp.....	Mexico.....			1	Ariz.
<i>Asterolecanium stentae</i> Brain (Coccidae):					
<i>Caralluma maculata</i>	Union of South Africa.....			1	N. J.
<i>Heurnia campanulata</i>	do.....			1	N. J.
<i>Heurnia</i> sp.....	do.....			1	N. J.
<i>Piaranthus pulcher</i>	do.....			1	N. J.
<i>Aufesius impressicollis</i> Stal (Coreidae):					
Orchid.....	Mexico.....			1	Tex.
<i>Aulacaspis tegalensis</i> (Zehnt.) (Coccidae):					
<i>Cymbopogon citratus</i> (lemon grass).....	Java.....			1	Calif.*
<i>Aulacaspis tubercularis</i> Newst. (Coccidae):					
<i>Mangifera indica</i> (mango).....	Barbados, Brazil, Salvador.....	4			Calif.* Fla.* P. R.
<i>Bemisia tabaci</i> (Genn.) (Aleyrodidae):					
<i>Euphorbia pulcherrima</i> (poinsettia).....	Mexico.....			1	Ariz.
<i>Bostrychoplutes cornutus</i> (Oliv.) (Bostrichidae):					
<i>Khaya</i> sp.....	Liberia.....	1			La.
<i>Brachycerus albidentatus</i> Gyll. (Curculionidae):					
<i>Allium sativum</i> (garlic).....	Italy.....	3			N. Y.
<i>Brachycerus algirus</i> (F.) (Curculionidae):					
<i>Allium sativum</i> (garlic).....	Italy, Spain.....	5			Md., N. Y.
<i>Brachyplatys deplanatus</i> (Eschscholz) (Pentatomidae):					
Vine—unidentified.....	Philippines.....	1			Calif.*
<i>Brachyrhinus rugosostriatus</i> (Goeze) (Curculionidae):					
Soil around plants.....	Canada.....			1	N. Y.
<i>Brachyrhinus sulcatus</i> (F.) (Curculionidae):					
<i>Vitis</i> sp. (grape).....	Belgium.....			1	N. Y.
<i>Bradybaena similis</i> (Fer.) (Mollusca):					
In box containing <i>Vanda</i> leis.....	Hawaii.....	1			Hawaii
<i>Brevipalpus australis</i> (Tucker) (Phytomyzidae):					
<i>Odonotoma</i> sp. (orchid).....	France.....			1	Wash.
<i>Bruchus dentipes</i> Baudi (Bruchidae):					
<i>Vicia faba</i> (broadbean).....	Lebanon.....	2			N. Y.
<i>Bruchus lentis</i> Froel. (Bruchidae):					
<i>Lens culinaris</i> (lentil).....	Italy.....	2			N. Y.
<i>Bruchus luteicornis</i> Ill. (Bruchidae):					
<i>Vicia sativa</i> (vetch).....	France, Italy, Netherlands.....	7			N. Y., Pa.
<i>Bruchus signaticornis</i> Gyll. (Bruchidae):					
<i>Lens culinaris</i> (lentil).....	Italy.....	1			Mass.

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<i>Bruchus tristis</i> Boh. (Bruchidae):					
<i>Lathyrus sativus</i> (grass pea)	Italy	1	1		Mass., N. J.
<i>Lathyrus</i> sp.	do		1		N. J.
<i>Pisum sativum</i> (pea)	Yugoslavia		1		Pa.
<i>Vicia faba</i> (broadbean)	Italy	1	1		N. J., N. Y.
<i>Vicia faba</i> var.	do	1	1		N. Y.
<i>Bryobia praetiosa</i> Koch (Tetranychidae):					
<i>Malus sylvestris</i> (apple)	Chile	1			N. Y.
<i>Cacoecia pronubana</i> (Hbn.) (Tortricidae):					
<i>Punica granatum</i> (pomegranate)	Italy, Yugoslavia	2			N. Y., Pa.
<i>Callidium rufipenne</i> Mots. (Cerambycidae):					
Wood	Japan	1			N. Y.
<i>Capaneus tetricus</i> Stal (Coreidae):					
Orchid	Mexico				Tex.
<i>Philodendron</i> sp.	do			1	Tex.
<i>Carpocoris pudicus</i> (Poda) (Pentatomidae):					
<i>Gladiolus</i> sp.	Unknown		1		N. Y.
<i>Caryedon fuscus</i> (Goeze) (Bruchidae):					
<i>Bauhinia purpurea</i> (purple bauhinia)	India			1	N. J.
<i>Bauhinia</i> sp.	do			1	D. C.
<i>Ceratitis capitata</i> (Wied.) (Tephritidae):					
<i>Annona</i> sp.	Portugal	1			N. Y.
Cactus	Italy	3			N. Y.
<i>Citrus limon</i> (lemon)	Madeira Islands	1			Mass.
<i>Citrus paradisi</i> (grapefruit)	Algeria, France, Israel, Lebanon, Spain.	6			Ala., La., Pa., Tex.
<i>Citrus reticulata</i> (Mandarin orange)	Africa, Italy, Portugal, Spain.	8	4		Mass., N. Y., Pa., Tex.
<i>Citrus sinensis</i> (orange)	Egypt, Morocco, Israel, Italy, Portugal, Spain.	5	12		Mass., N. Y., Pa., Tex., Va.
<i>Coffea</i> sp. (coffee)	Hawaii	1	1		Calif.*
<i>Cydonia oblonga</i> (quince)	Italy	3			N. Y.
<i>Ficus carica</i> (fig)	Greece, Italy	3			Mass., N. Y.
Fruits—with various	Unknown	1			N. Y.
<i>Malus sylvestris</i> (apple)	France, Italy, Portugal	1	2		Md., N. Y.
<i>Mangifera indica</i> (mango)	Madeira Islands	1			Mass.
<i>Opuntia compressa</i> (pricklypear)	Italy	6			N. Y.
<i>Opuntia</i> sp.	do	1			Ill.
<i>Prunus armeniaca</i> (apricot)	Algeria		1		N. Y.
<i>Prunus persica</i> (peach)	Azores, France, Israel, Italy, Portugal, Spain, Tripoli.	6	12		Mass., N. Y., Pa.
<i>Psidium guajava</i> (guava)	Azores	2			Mass.
<i>Punica granatum</i> (pomegranate)	Greece, Italy, Lebanon	5			N. Y.
<i>Pyrus communis</i> (pear)	France, Greece, Italy	3	1		Mass., N. Y.
<i>Vitis</i> sp. (grape)	France		1		Mass.
<i>Ceratitis capitata</i> (Wied.) (?) (Tephritidae):					
<i>Coffea</i> sp. (coffee)	Hawaii	3			Hawaii
<i>Mangifera indica</i> (mango)	do	1			Hawaii
<i>Ceroplastes rubens</i> Mask. (Coccidae):					
<i>Anthurium</i> sp.	do	1			Calif.*
<i>Gardenia</i> sp.	do			1	Calif.*
<i>Pinus parviflora</i> (Japanese white pine)	Japan			1	Calif.*
<i>Schima</i> sp.	do			1	Calif.*
<i>Ceroplastes rusci</i> (L.) (Coccidae):					
<i>Ficus carica</i> (fig)	Italy			1	N. Y.
<i>Ceroplastes sinensis</i> Del Guer. (Coccidae):					
<i>Feijoa</i> sp.	New Zealand			1	Hawaii
<i>Chaetoptilus vestitus</i> (Rey) (Scolytidae):					
<i>Pistacia</i> sp. (pistache)	Turkey	1			N. Y.
<i>Chelymophra alternans</i> Boh. (?) (Chrysomelidae):					
Airplane	Unknown			1	Fla.*
<i>Chilo simplex</i> (Btlr.) (Crambidae):					
<i>Oryza sativa</i> (rice)	China, Formosa, Japan	19	2		Calif.,* D. C., Hawaii, Wash.

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"Chionaspis" leucadendri Brain (Coccidae):	Union of South Africa	2			Mass.
Leucadendron argenteum (silver leucadendron)...					
Chrysomphalus agavis (Townsend & Ckll.) (Coccidae):	Mexico			1	Ariz.
Agave stricta (hedgelog agave).....					
Chrysomphalus albopictus (Ckll.) (Coccidae):	do.		1		Calif.*
Citrus sinensis (orange).....					
Chrysomphalus personatus (Comst.) (Coccidae):	do.	1			Calif.*
Citrus aurantifolia (lime).....	Brazil		1		Calif.*
Citrus paradisi (grapefruit).....	Mexico	1			Tex.
Persea americana (avocado).....					
Chrysomphalus rossi (Mask.) (Coccidae):	Australia			1	Calif.*
Ficus rubiginosa (rusty fig).....	Union of South Africa	1			Mass.
Leucospermum sp.					
Chrysomphalus scutiformis (Ckll.) (Coccidae):	Brazil	1			Tex.
Costus speciosus (canereed spiral flag).....					
Chrysomphalus tingi (McKenzie) (Coccidae):	Philippines			1	Calif.*
Phalaenopsis amabilis (orchid).....	do.			1	Calif.*
Phalaenopsis sp.					
Chrysomphalus umboniferus (Newst.) (Coccidae):	Panama			1	Tex.
Oncidium isthmi (orchid).....	Canal Zone			1	N. J.
Oncidium panamense (orchid).....	Canal Zone, Mexico			2	Fla., Tex.
Orchid.....					
Clystia ambiguella Hbn. (?) (Phalonidae):	France		1		Mass.
Vitis sp. (grape).....					
Coccotrypes dactyliperda (F.) (Scolytidae):	Mexico	1			Calif.
Phoenix dactylifera (date).....					
Coccus acutissimus (Green) (Coccidae):	Hawaii	1			Hawaii.
Cycas sp.					
Coccus capparidis (Green) (Coccidae):	India			1	N. J.
Cypripedium hirsutissimum (orchid).....					
Coccus viridis (Green) (Coccidae):	Cuba	1			Fla.*
Chrysophyllum cainito (star-apple).....	Hawaii	1			Calif.*
Coffea arabica (Arabian coffee).....	Brazil, Cuba, Hawaii,	3	1	1	Calif.,* Fla.*
Coffea sp.	Puerto Rico,				
	Italy	1			N. Y.
Diospyros sp. (persimmon).....	Cuba, Hawaii, Panama	29	1	1	Calif.,* Fla.
Gardenia augusta (gardenia).....					Hawaii.
Ixora sp.	Jamaica			1	Fla.
Leaf—unidentified	Hawaii			1	Calif.*
Plumeria sp.	do.			1	Calif.*
Conchaspis ungraeci Ckll. (Coccidae):					
Brassia caudata (orchid).....	Canal Zone			1	Calif.*
Leaf—unidentified	Peru	1			Fla.*
Conotrachelus aguacatae Barber (Curculionidae):					
Persea americana (avocado).....	Mexico	64			Tex.
Cordylomera spinicornis (F.) (Cerambycidae):					
Khaya sp.	Gold Coast	1			Mass.
Cosmopolites sordidus (Germ.) (Curculionidae):					
Musa paradisiaca sapientum (banana).....	Mexico	1			Tex.
Grophius scabrosus Uhler (Lygaeidae):					
Orchid.....	do.			1	Tex.
Cryptula apicatus (Dist.) (Lygaeidae):	do.			1	Tex.
Cactus.....					
Cryptoblabes gnidiella (Mill.) (Phycitidae):	Bermuda			1	N. Y.
Carica papaya (papaya).....	Italy	1			N. Y.
Castanea sp. (chestnut).....	do.		1		N. Y.
Citrus limon (lemon).....	Bermuda	1			N. Y.
Coccolobus wuifera (seagrape).....	Italy, Yugoslavia	10			N. Y.
Punica granatum (pomegranate).....					
Cryptophlebia illepidia (Btlr.) (Olethreutidae):	Hawaii	1			Hawaii
Pithecellobium dulce.....					
Cryptorhynchus mangiferae (F.) (Curculionidae):	Hawaii, India	6	1	2	Calif., N. Y.
Mangifera indica (mango).....					
Curculio elephas (Gyll.) (Curculionidae):	Italy, Portugal	35	1	1	Mass., N. J., N. Y., Tex.
Castanea sp. (chestnut).....					

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<i>Cyclocephala cubana</i> Chpn. (Scarabaeidae): <i>Ananas comosus</i> (pineapple)	Cuba	1	—	—	N. Y.
<i>Cyclocephala lunulata</i> Burm. (Scarabaeidae): Airplane	Costa Rica	—	1	—	Fla.*
<i>Cylas formicarius</i> (F.) (Curculionidae): <i>Ipomoea batatas</i> (sweetpotato)	India, Indonesia	—	5	—	Hawaii, N. Y.
<i>Cylas formicarius</i> (F.) var. (Curculionidae): <i>Ipomoea batatas</i> (sweetpotato)	China, India, Thailand	3	—	—	Calif.* , Mass.
<i>Cylas formicarius</i> var. <i>elegantulus</i> (Summers) (Curculionidae): <i>Ipomoea batatas</i> (sweetpotato)	Brazil, Costa Rica, Cuba, Curacao, Jamaica, Mexico, Puerto Rico.	17	14	—	Ala., Fla., Ga., La., Md., N. Y., Pa., S. C., Tex.
<i>Cylas puncticollis</i> Boh. (Curculionidae): <i>Ipomoea batatas</i> (sweetpotato)	British West Africa, Gold Coast, Sierra Leone.	—	5	—	Mass., N. Y., Pa., Va.
<i>Cyrtopeltis varians</i> (Dist.) (Miridae): <i>Chrysanthemum</i> sp.	Mexico	1	—	—	Ariz.
<i>Dactylopius coccis</i> Costa (Coccidae): <i>Grusonia bradtiana</i> (cactus)	do	—	—	1	Tex.
<i>Dacus cucurbitae</i> Coq. (Tephritidae): <i>Capsicum frutescens</i> (pepper)	Hawaii	—	1	—	Tex.
<i>Cucumis sativus</i> (cucumber)	do	2	1	—	Calif.*
<i>Lycopersicon esculentum</i> (tomato)	do	—	12	—	Calif.*
<i>Phaseolus vulgaris</i> var. (string bean)	do	1	—	—	Calif.*
<i>Dacus dorsalis</i> Hend. (Tephritidae): Airplane	do	—	1	—	Hawaii
<i>Eugenia malaccensis</i> (Malay-apple)	do	1	—	—	Calif.*
<i>Mangifera indica</i> (mango)	do	1	1	—	Calif.* , Hawaii, Calif.*
<i>Musa paradisiaca sapientum</i> (banana)	do	—	1	—	Calif.*
<i>Dacus dorsalis</i> Hend. (?) (Tephritidae): <i>Capsicum frutescens grossum</i> (bell pepper)	do	—	1	—	Wash.
<i>Lycopersicon esculentum</i> (tomato)	do	—	1	—	Ala.
<i>Pithecellobium dulce</i> (guamachil)	do	1	—	—	Hawaii
<i>Dacus oleae</i> (Gmel.) (Tephritidae): <i>Olea europaea</i> (olive)	Azores, Greece, Italy, Lebanon, Libya, Palestine, Turkey.	46	—	1	Mass., N. Y.
<i>Dacus oleae</i> (Gmel.) (?) (Tephritidae): <i>Olea europaea</i> (olive)	Italy	2	—	—	N. Y.
<i>Deloyala guttata</i> (Oliv.) (Chrysomelidae): Orchid	Mexico	—	—	1	Tex.
<i>Delphacodes dissipata</i> Muir (Delphacidae): Airplane	do	—	1	—	Tex.
<i>Deroceras reticulatum</i> (Muller) (Mollusca): <i>Brassica oleracea capitata</i> (cabbage)	Netherlands	1	—	—	N. Y.
<i>Cortaderia selloana</i> (selloa pampasgrass)	New Zealand	—	—	1	D. C.
<i>Dianthus</i> sp. (carnation)	Azores	1	—	—	Mass.
<i>Lactuca sativa</i> (lettuce)	Lebanon	—	1	—	Mass.
<i>Zantedeschia aethiopica</i> (calla lily)	Azores	—	—	1	Mass.
<i>Diabrotica lepida</i> (Say) (Chrysomelidae): <i>Philodendron</i> sp.	Mexico	—	—	1	Tex.
<i>Dialeurodes citri</i> (Ashm.) (Aleyrodidae): <i>Citrus reticulata</i> (Mandarin orange)	Japan	—	1	—	Calif.*
<i>Citrus</i> sp.	do	—	1	—	Calif.*
<i>Gardenia</i> sp.	do	—	1	—	Calif.*
<i>Dialeurodes citrifolii</i> (Morg.) (Aleyrodidae): <i>Citrus</i> sp.	Dominican Republic	1	—	—	Fla.*
<i>Dialeurodes kirkaldyi</i> (Kot.) (Aleyrodidae): <i>Jasminum</i> sp.	Philippines	—	—	1	Calif.*
<i>Diaphania unionalis</i> (Hbn.) (?) (Pyraustidae): <i>Olea europaea</i> (olive)	Italy	—	—	1	N. Y.
<i>Dinoderus brevis</i> Horn (Bostrichidae): Bamboo	India	1	—	—	N. Y.
"Sawali mats"	Philippines	1	—	—	Tex.

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<i>Diorymerellus laevi-margo</i> Champ. (Curculionidae): Orchid	Mexico			3	Tex.
<i>Dyscinetus frater</i> Bates (Scarabaeidae): Packing around <i>Dioscorea</i> roots	Guatemala			1	D. C.
<i>Dysdercus mimulus</i> Hussey (Pyrrhocoridae): Cactus	Mexico	1			Tex.
<i>Dysdercus obliquus</i> (H.-S.) (Pyrrhocoridae): <i>Lycopersicon esculentum</i> (tomato)	do	1			Tex.
<i>Dyspessa ulula</i> (Bkh.) (Cossidae): <i>Allium sativum</i> (garlic)	Italy	3			N. Y.
<i>Earias insulana</i> f. <i>semifascia</i> Warren (Phalaenidae): <i>Gossypium</i> sp. (cotton; boll)	Syria	1			D. C.
<i>Epilachna varivestis</i> Muls. (Coccinellidae): Orchid	Mexico			2	Tex.
<i>Selaginella</i> sp.	do			1	Tex.
<i>Epinotia opposita</i> Hein. (Olethreutidae): <i>Phaseolus vulgaris</i> var. (string bean)	do	6	1		Tex.
<i>Ereunetis flavistriata</i> Wlsm. (Tineidae): <i>Cocos nucifera</i> (coconut)	Cuba, Hawaii	2			Calif.,* Ha- wail.
<i>Eriophyes canestrinii</i> (Nal.) (Eriophyidae): <i>Buzus sempervirens</i> (box)	England, Netherlands			4	N. J.
<i>Buzus</i> sp.	Netherlands			3	N. J.
<i>Eucactophagus aurocinctus</i> Champ. (Curculioni- dae): <i>Cynoches</i> sp. (orchid)	Costa Rica			1	Fla.
<i>Eulachnus piniformosanus</i> Takah. (?) (Aphidae): <i>Pinus</i> sp. (2-leaved pine)	Japan	1			Wash.
<i>Eurytoma orchiderarum</i> (Westw.) (Eurytomidae): <i>Cattleya mossiae</i> (orchid)	Venezuela			1	N. J.
<i>Cattleya</i> sp. (orchid)	do			3	Fla.
<i>Euseceps postfasciatus</i> (Fairm.) (Curculionidae): <i>Ipomoea batatas</i> (sweetpotato)	Brazil, Cuba, Nether- lands Guiana, Venez- uela.		8		Ala., La., Md., Pa.
<i>Eustrophinus marginatus</i> Champ. (Melandryidae): Orchid	Mexico			4	Tex.
<i>Evergestis forficalis</i> (L.) (Pyraustidae): <i>Brassica oleracea botrytis</i> (cauliflower)	France		1		N. Y.
<i>Brassica oleracea capitata</i> (cabbage)	France, Ireland		1	1	Mass., N. Y.
<i>Evergestis rimosalis</i> (Gn.) (Pyraustidae): <i>Brassica oleracea capitata</i> (cabbage)	Mexico			1	Tex.
<i>Exptochiamera albomaculata</i> (Dist.) (Lygaeidae): <i>Philodendron</i> sp.	do			1	Tex.
<i>Exptochiamera formosa</i> (Dist.) (Lygaeidae): <i>Tillandsia</i> sp.	do			1	Tex.
<i>Faustinus cubae</i> (Boh.) (Curculionidae): <i>Capsicum frutescens</i> (pepper)	Cuba	1			N. Y.
<i>Ferrisia virgata</i> (Ckll.) (Coccidae): <i>Asplenium nidus</i> (bird's nest fern)	Palmyra Island			1	Hawaii.
<i>Catasetum viridiflorum</i> (orchid)	Canal Zone			1	Calif.*
<i>Cynoches chlorochilon</i> (orchid)	do			1	Calif.*
<i>Gardenia augusta</i> (gardenia)	Cuba	1			Fla.*
<i>Laelia autumnalis</i> (orchid)	Mexico			1	Calif.*
Orchid	do			2	Ariz.
<i>Peristeria elata</i> (orchid)	Canal Zone			1	Calif.*
<i>Philodendron</i> sp.	Mexico			1	Tex.
Plant—unidentified	Philippines			1	Calif.*
<i>Randia taitensis</i>	Tahiti	1			Hawaii.
Vine—unidentified	Philippines	1			Calif.*
<i>Florinia japonica</i> Kuw. (Coccidae): <i>Pinus</i> sp. (5-leaved pine)	Japan			1	Calif.*
<i>Frankliniella bispinosa</i> (Morg.) (Thripidae): Cut flowers—mixed	Bermuda				N. Y.
<i>Hibiscus</i> sp.	do	2			N. Y.
<i>Frankliniella formosae</i> Mit. (Thripidae): <i>Chrysanthemum</i> sp.	Japan	1	2		Calif.,* Wash.
<i>Frankliniella fortissima</i> Pr. (Thripidae): <i>Gladiolus</i> sp.	Mexico	1			Calif.*

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<i>Frankliniella intonsa</i> (Tryb.) (Thripidae):					
<i>Dianthus barbatus</i> (sweet-william)	Germany	1			N. Y.
<i>Dianthus</i> sp. (carnation)	do.	3			N. Y.
<i>Lathyrus odoratus</i> (sweet pea)	Sweden, unknown	1	1		N. Y.
<i>Lathyrus</i> sp.	Unknown		1		N. Y.
<i>Linaria</i> spp.	Ireland	1			N. Y.
<i>Lupinus</i> sp. (lupine)	Unknown		1		N. Y.
<i>Rosa</i> sp. (rose)	Germany	1			N. Y.
<i>Frankliniella schultzei</i> (Tryb.) (Thripidae):					
<i>Helichrysum</i> sp.	India		1		N. Y.
<i>Ornithogalum thyrsoides</i> (chinkerichee)	Union of South Africa	1			D. C.
<i>Furcaspis bifor mis</i> Ckll. (Coccidae):					
<i>Brassovola nodosa</i> (orchid)	Canal Zone			1	Calif.*
<i>Cattleya</i> sp. (orchid)	Canal Zone, Hawaii, Venezuela			5	Calif.,* Fla., N. J.
<i>Epidendrum atropurpureum</i> (orchid)	Canal Zone			1	Calif.*
<i>Epidendrum oncidoides</i> (orchid)	do.			1	Calif.*
<i>Epidendrum</i> sp.	do.			3	Calif.,* Fla.
<i>Laelia rubescens</i> (orchid)	Costa Rica			1	Calif.*
<i>Oncidium confusum</i> (orchid)	Canal Zone			1	Tex.
<i>Oncidium isthm.</i>	Panama			1	Tex.
<i>Oncidium panamense</i>	Canal Zone			1	Tex.
<i>Oncidium</i> sp.	Canal Zone, Panama			2	Fla., Tex.
Orchid	Barbados, Canal Zone, Hawaii, Netherlands Guiana, Panama, Venezuela			12	Calif.,* Fla., P. R., Tex.
<i>Vanda</i> sp. (orchid)	Hawaii			1	Calif.*
<i>Galgupha texana</i> McA. & Mall. (Pentatomidae):					
Orchid	Mexico			1	Tex.
<i>Tillandsia</i> sp.	do.			1	Tex.
<i>Gelechia ericetella</i> (Hbn.) (Gelechiidae):					
<i>Calluna vulgaris</i> (heather)	Ireland, Scotland	4			Ill., N. Y.
<i>Gerstaeckeria mutillaria</i> (Gerst.) (Curculionidae):					
<i>Mamillaria</i> sp. (cactus)	Mexico			1	Tex.
<i>Glycyphagus domesticus</i> (Deg.) (Glycyphagidae):					
<i>Punica granatum</i> (pomegranate)	Italy	1			Mass.
<i>Gnorimoschema gudmannella</i> (Wlsm.) (Gelechiidae):					
<i>Capsicum frutescens grossum</i> (bell pepper)	Mexico	2			Ariz.
<i>Capsicum frutescens longum</i> (chili pepper)	do.	1			Calif.
<i>Gnorimoschema lavernella</i> (Chamb.) (Gelechiidae):					
<i>Physalis</i> sp.	do.			1	D. C.
<i>Gnorimoschema ocellatella</i> (Boyd) (Gelechiidae):					
<i>Beta vulgaris</i> (beet)	Spain		1		Pa.
<i>Gortyna flavago</i> (Schiff.) (Phalaenidae):					
<i>Cynara scolymus</i> (artichoke)	Algeria, France		2		N. Y.
<i>Gortyna ochracea</i> (Hbn.) (Phalaenidae):					
<i>Cynara scolymus</i>	France		1		Tex.
<i>Gracilaria azaleella</i> Brants (Gracilariidae):					
<i>Rhododendron palestina</i>	Netherlands			1	N. J.
<i>Rhododendron</i> sp.	England, France, Netherlands			6	N. J., N. Y.
<i>Grapholitha molesta</i> (Busck) (Olethreutidae):					
<i>Prunus persica</i> (peach)	Korea	1			Minn.
<i>Gymnaetron beccabungae</i> var. <i>nigrum</i> Walt. (Curculionidae):					
<i>Syringa</i> sp. (lilac)	Netherlands	1			N. Y.
<i>Gymnandrosoma aurantianum</i> DeCosta Lima (?) (Olethreutidae):					
<i>Citrus sinensis</i> (orange)	Venezuela		1		La.
<i>Haplothrips gowdeyi</i> (Frankl) (Phlaeothripidae):					
<i>Antirrhinum majus</i> (snapdragon)	Bermuda	1			Mass.
<i>Bryophyllum</i> sp.	do.			2	N. Y.
<i>Codiaeum</i> sp. (croton)	Jamaica	1			N. Y.
<i>Helichrysum</i> sp.	India		1		N. Y.
<i>Lilium longiflorum</i> (Easter lily)	Bermuda	1			N. J.

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<i>Haplothrips wouramboulchii</i> Mlt. (Phlaeothripidae):	Union of South Africa	1			N. Y.
<i>Ornithogalum thyrsoides</i> (chinkeriehee)	do.	1			N. Y.
<i>Protea reflexa</i>					
<i>Heilipus caecus</i> Champ. (Curculionidae):	Mexico			1	Tex.
Orchid					
<i>Hemimene juliana</i> (Curt.) (Olethreutidae):	Greece, Italy	3			Ill., Mass., N. Y.
<i>Castanea</i> sp. (chestnut)	Italy			1	D. C.
<i>Quercus trojana</i> (Macedonian oak)	India	5			Calif.*
<i>Heterobostrychus aequalis</i> (Waterh.) (Bostrychidae):	England		1		S. C.
Wood box					
<i>Heterogaster urticae</i> (F.) (Lygaeidae):	Mexico	1			Tex.
<i>Lactuca sativa</i> (lettuce)	Italy			1	N. Y.
<i>Hymenia perspectalis</i> (Rbn.) (Pyraustidae):	Scotland	1			Pa.
Flowers—mixed					
<i>Hypoborus ficus</i> Er. (Scolytidae):	Azores	1			Mass.
<i>Ficus carica</i> (fig)	do			1	Mass.
<i>Hypolithus riparius</i> (F.) (Elateridae):	Portugal	1			N. Y.
Grass sod	do				Mass.
<i>Icerya aegyptiaca</i> Dougl. (Coccidae):	Azores, Madeira Islands	2			Mass., N. Y.
Plant—unidentified	Union of South Africa	1			N. Y.
<i>Iridomyrmex humilis</i> Mayr (Formicidae):	Italy	1			N. Y.
<i>Ananas comosus</i> (pineapple)	Portugal	1			N. Y.
Bulb—unidentified	do			1	Mass.
<i>Dianthus</i> sp. (carnation)	do				Mass.
<i>Ficus carica</i> (fig)	Azores, Madeira Islands	2			Mass., N. Y.
Flowers—mixed	Union of South Africa	1			N. Y.
<i>Leucophyllum</i> sp.	Italy	1			N. Y.
<i>Olea europaea</i> (olive)	Portugal	1			N. Y.
Orchid	Union of South Africa	1			Mass.
<i>Protea grandiceps</i> (great protea)	do	1			Mass.
Proteaceae	Azores			1	Mass.
Soil with ferns	do	1			Mass.
Straw jacket	do	1			Mass.
<i>Vitis</i> sp. (grape)	Chile, Union of South Africa	3			N. Y.
<i>Iridomyrmex iniquus</i> Mayr (Formicidae):					
<i>Miltonia roezli</i> (orchid)	Guatemala			1	N. J.
<i>Odontoglossum grande</i> (orchid)	do			1	N. J.
<i>Oncidium</i> sp. (orchid)	do			2	N. J.
Orchid	do			2	Fla., Tex.
Packing	British West Indies	1			N. J.
<i>Isorhinus depressus</i> Champ. (Curculionidae):					
<i>Tillandsia</i> sp.	Mexico			1	Tex.
<i>Isorhinus undatus</i> Champ. (Curculionidae):					
Orchid	do			1	Tex.
<i>Tillandsia</i> sp.	do			1	Tex.
<i>Lampetia equestris</i> (F.) (Syrphidae):					
<i>Galanthus</i> (?) sp.	New Zealand			1	Mich.
<i>Narcissus</i> sp.	Italy, Netherlands			5	Calif.,* N. J., N. Y.
<i>Lampides boeticus</i> (L.) (Lycaenidae):					
<i>Canavalia</i> sp.	Hawaii	20			Calif.*
<i>Phaseolus vulgaris</i> var. (string bean)	do	1			Calif.*
<i>Lardoglyphus zacheri</i> Oudms. (Lardoglyphidae):					
Sea shell	Mexico	1			Ariz.
<i>Lasiopoda rubi</i> Heeger (?) (Itonididae):					
<i>Rubus loganobaccus</i> (loganberry)	England			2	N. J.
<i>Laspeyresia leguminus</i> Hein. (Olethreutidae):					
<i>Phaseolus vulgaris</i> var. (string bean)	Peru			1	Tex.
<i>Laspeyresia nigricana</i> (Stph.) (Olethreutidae):					
<i>Pisum sativum</i> (pea)	England, Italy			2	Pa., Tex.
<i>Laspeyresia splendana</i> (Hbn.) (Olethreutidae):					
<i>Castanea</i> sp. (chestnut)	Italy, Japan, Portugal, Yugoslavia	32		1	Calif.,* Mass., N. Y.

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<i>Laspeyresia strobilella</i> (L.) (Olethreutidae): Picea sp. (spruce).....	Germany.....	2			N. Y., Wash.
<i>Lecanium coryli</i> (L.) (Coccidae): Aeculus carnea (red horsechestnut).....	Netherlands.....			1	N. J.
Crataegus monogyna (English hawthorn).....	England.....			1	N. J.
<i>Lema quinquenotata</i> Clark (Chrysomelidae): Bromeliad.....	Mexico.....			1	Tex.
<i>Leperisinus fraxini</i> (Panz.) (Scolytidae): Fraxinus sp. (ash).....	England.....	2			Mass.
<i>Lepidosaphes conchiformis</i> (Gmel.) (Coccidae): Prunus sp.....	Japan.....			1	Calif.*
<i>Lepidosaphes ficus</i> (Sign.) (Coccidae): Ficus carica (fig).....	Italy.....			1	N. Y.
Ficus sp.....	Algeria, Italy, Lebanon, Syria.....			4	Calif.,* D. C., N. J.
<i>Lepidosaphes pallida</i> (Green) (Coccidae): Cryptomeria japonica (cryptomeria).....	Japan.....			1	Calif.,*
Juniperus sp. (juniper).....	do.....			4	Calif.,* Wash.
Picea (?) sp.....	do.....			1	Calif.,*
<i>Lepidosaphes philococcus</i> (Ckll.) (Coccidae): Cactus.....	Mexico.....			2	Tex.
Cereus sp. (cactus).....	do.....			1	Tex.
Myrtillocactus sp. (cactus).....	do.....			5	Tex.
Pachycereus marginatus (cactus).....	do.....			1	Tex.
Pilocereus palmeri (cactus).....	do.....			1	Tex.
<i>Lepidosaphes tokionis</i> (Kuw.) (Coccidae): Codiaeum variegatum (croton).....	Hawaii.....	3		3	Calif.,*
Codiaeum sp.....	Guam, Hawaii, Panama.....	1		2	Ala., Hawaii.
<i>Lepidosaphes tuberculata</i> Malen. (Coccidae): Cymbidium sp. (orchid).....	Australia, Philippines.....			11	Calif.,* Hawaii.
Monanthes laxiflora.....	Canary Islands.....			1	Calif.,*
<i>Lepidoglossus chilensis</i> Spinola (Coreidae): Vitis sp. (grape).....	Chile.....	2			N. Y.
<i>Leucaspis cockerelli</i> (de Charmoy) (Coccidae): Citrus aurantifolia (sour lime).....	Nicaragua, Salvador.....	3			Calif.,*
Citrus aurantium (sour orange).....	Trinidad.....			1	Fla.,*
Citrus paradisi (grapefruit).....	Canal Zone, Cuba, Dominica, Panama.....			5	Calif.,*
Citrus sinensis (orange).....	Canal Zone, Jamaica, Panama.....	1	4		Calif.,* Fla.,*
Orchid.....	Canal Zone, Costa Rica.....			2	Calif.,*
<i>Leucaspis indica</i> Marl. (Coccidae): Mangifera indica (mango).....	Jamaica.....			1	Fla.
<i>Leucinodes orbonalis</i> Gn. (Pyraustidae): Solanum melongena (eggplant).....	Indonesia.....			1	Hawaii.
<i>Lichtensia viburni</i> Sign. (Coccidae): Hedera colchica (Colchis ivy).....	England.....			1	N. J.
<i>Ligyrocoris abdominalis</i> (G.-M.) (Lygaeidae): Lycopersicon esculentum (tomato).....	Mexico.....	1			Tex.
Philodendron sp.....	do.....			1	Tex.
<i>Ligyrocoris aurivilliana</i> (Dist.) (Lygaeidae): Lycopersicon esculentum (tomato).....	do.....	3			Tex.
<i>Ligyrocoris nitidicollis</i> (Stal) (Lygaeidae): Lycopersicon esculentum (tomato).....	do.....			1	Ariz.
<i>Lineodes integra</i> (Zell.) (Pyraustidae): Lycopersicon esculentum (tomato).....	do.....			4	Ariz., Tex.
<i>Loxostege similalis</i> (Gn.) (Pyraustidae): Celosia sp. (cockscomb).....	do.....	1			Tex.
Flowers-mixed.....	do.....	1			Tex.
Portulaca oleracea (purslane).....	do.....	1			Tex.
<i>Lycius spinifrons</i> (Lesne) (Lycetidae): Wooden case.....	India.....	3			Calif.,*
<i>Malacosoma neustria</i> (L.) (?) (Lasiocampidae): Prunus mume (Japanese apricot).....	Japan.....			1	Hawaii.

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<i>Mamestra brassicae</i> (L.) (Phalaenidae):					
<i>Apium graveolens</i> (celery).....	Denmark.....		1		La.
<i>Brassica napobrassica</i> (rutabaga).....	England.....		1		Pa.
<i>Brassica oleracea capitata</i> (cabbage).....	France, Ireland, Italy.....	1	3		Mass., N. Y.
<i>Petroselinum crispum</i> (parsley).....	France.....		1		Pa.
<i>Maruca testulalis</i> (Geyer) (Pyraustidae):					
<i>Canavalia</i> sp.....	Hawaii.....	10			Calif.,*
<i>Phaseolus vulgaris</i> var. (string bean).....	Hawaii, Japan, Netherlands Guiana.....	1	4		Hawaii, Ala., Calif.,* Oreg., Wash, Calif.*
<i>Phaseolus</i> sp.....	Hawaii.....		1		Calif.*
<i>Megalometis chiliensis</i> Boh. (Curculionidae):					
<i>Prunus domestica</i> (plum).....	Chile.....	1			N. Y.
<i>Prunus persica nectarina</i> (nectarine).....	do.....	1			N. Y.
<i>Melolontha melolontha</i> (L.) (Scarabaeidae):					
Unknown.....	Germany.....	1			N. Y.
<i>Metamasius habetatus</i> (Gyll.) (Curculionidae):					
<i>Musa paradisiaca sapientum</i> (banana).....	Ecuador.....	1			Tex.
<i>Metamasius sericeus</i> (Oliv.) (Curculionidae):					
<i>Musa paradisiaca sapientum</i> (banana).....	Ecuador, Guatemala, Panama.....	33			Calif.,* S. C., Tex.
<i>Micrelus ericae</i> Gyll. (Curculionidae):					
<i>Calluna vulgaris</i> (heather).....	Ireland.....	1			N. Y.
<i>Microcephalothrips abdominalis</i> (Crawf.) (Thripidae):					
<i>Aster</i> sp.....	Trinidad.....	1			N. Y.
<i>Helichrysium</i> sp.....	India.....		1		N. Y.
<i>Lonicera</i> sp. (honeysuckle).....	do.....		1		N. Y.
<i>Microvelia oaxacana</i> Drake (Veliidae):					
Bromeliad.....	Mexico.....			6	Tex.
<i>Mimosestes dominicanus</i> (Jek.) (Bruchidae):					
<i>Caesalpinia coriaria</i> (divi-divi).....	Venezuela.....	1			Fla.*
<i>Mimosestes sallaei</i> (Sharp) (Bruchidae):					
Tree seed.....	Dominican Republic.....			1	P. R.
<i>Minthea obsita</i> Woll. (Lyctidae):					
<i>Khaya</i> sp.....	Liberia.....	1			La.
<i>Minthea rugicollis</i> (Wlk.) (Lyctidae):					
Wooden box.....	India.....	1			Calif.*
<i>Monanthia monotropidia</i> Stal (Tingidae):					
<i>Tillandsia</i> sp.....	Mexico.....			1	Tex.
<i>Monomorium destructor</i> (Jerd.) (Formicidae):					
<i>Ananas comosus</i> (pineapple).....	Guam.....	1			Tex.
Fern.....	Yap Island.....			1	Hawaii.
Orchid.....	Jamaica.....			1	N. J.
<i>Rosa</i> sp.....	Canada.....			1	N. J.
<i>Zingiber officinale</i> (ginger).....	Jamaica.....	1			N. Y.
<i>Mormidea cubrosa</i> (Dallas) (Pentatomidae):					
Flowers.....	Mexico.....	1			Tex.
<i>Tillandsia</i> sp.....	do.....			1	Tex.
<i>Myodocha longicollis</i> Stal (Lygaeidae):					
Orchid.....	do.....			3	Tex.
<i>Nasutitermes corniger</i> (Motsch.) (Termitidae):					
<i>Swietenia mahagoni</i> (mahogany).....	Honduras.....	1			La.
<i>Neoleucimodes elegantalis</i> (Guen.) (Pyraustidae):					
<i>Lycopersicon esculentum</i> (tomato).....	Mexico.....	4			Tex.
<i>Solanum melongena</i> (eggplant).....	Brazil.....		1		Md.
<i>Odonaspis saccharicaulis</i> (Zehnt.) (Coccidae):					
Grass.....	Philippines.....	1			Calif.*
<i>Opogona aurisquamosa</i> (Butl.) (Tineidae):					
<i>Ananas comosus</i> (pineapple).....	Hawaii.....	1			Calif.*
<i>Orthotylus ericetorum</i> (Fall.) (Miridae):					
<i>Calluna vulgaris</i> (heather).....	Scotland.....	1			N. Y.
<i>Oxycarenus lactus</i> Kirby (Lygaeidae):					
<i>Gossypium</i> sp. (cottonseed).....	Pakistan.....			1	D. C.
<i>Oxycetonia jucunda</i> (Fald.) (Scarabaeidae):					
Airplane.....	Japan.....		1		Hawaii.
<i>Pachygrontha oedanealodes</i> Stal (Lygaeidae):					
Orchid.....	Mexico.....			1	Tex.

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<i>Pachyzancla bipunctalis</i> (F.) (Pyraustidae):					
<i>Centaurea cyanus</i> (bachelors-button)	Mexico	1			Tex.
<i>Chrysanthemum</i> sp.	do	1			Tex.
<i>Pagiocerus florii</i> (Eggers) (Scolytidae):					
<i>Zea mays</i> (corn)	Peru			1	N. Y.
<i>Palaeopus costicollis</i> Mshl. (Curculionidae):					
<i>Dioscorea</i> sp. (yam)	Jamaica	2			Fla.*
<i>Zingiber officinale</i> (ginger)	do	1			N. Y.
<i>Paraleuroides goyabae</i> (Goeldi) (?) (Aleyrodidae):					
<i>Psidium</i> sp., prob. <i>guajava</i>	Mexico			1	Ariz.
<i>Parallelodiplosis cattleyae</i> (Molliard) (?) (Itonididae):					
Orchid	Costa Rica			1	Fla.
<i>Parlatoria camelliae</i> Comst. (Coccidae):					
<i>Camellia</i> sp.	Japan			7	Calif.,* Wash.
<i>Parlatoria chinensis</i> (Marl.) (Coccidae):					
<i>Pyrus</i> sp.	do			1	Calif.*
<i>Parlatoria cinerea</i> Hadden (Coccidae):					
<i>Citrus aurantifolia</i> (sour lime)	Mexico		2		Calif.*
<i>Citrus paradisi</i> (grapefruit)	Bolivia, Brazil, Uruguay.	2	2		Calif.,* Fla.*
<i>Citrus paradisi</i> (pomelo)	Formosa	1			Minn.
<i>Citrus sinensis</i> (orange)	Argentina, Brazil, Mexico, Trinidad.	1	4		Calif.,* Fla.*
<i>Parlatoria morrisoni</i> McKenzie (Coccidae):					
<i>Mangifera indica</i> (mango)	India			1	D. C.
<i>Parlatoria oleae</i> (Colvee) (Coccidae):					
<i>Malus sylvestris</i> (apple)	Greece, Israel, Italy	3			N. Y.
<i>Olea europaea</i> (olive)	Portugal	1			Mass.
<i>Parlatoria pseudaspidiotus</i> Ldgr. (Coccidae):					
<i>Aerides quinquevulnera</i> (orchid)	Philippines			1	Calif.*
<i>Cymbidium</i> sp. (orchid)	do			1	Calif.*
<i>Dendrobium</i> sp. (orchid)	Thailand			1	Calif.*
<i>Hoya macrophylla</i>	Indonesia			1	N. J.
Plant—unidentified	Canal Zone			1	Calif.*
<i>Vanda teres</i> (orchid)	Ceylon			1	N. J.
<i>Vanda</i> sp.	Canal Zone			1	D. C.
<i>Parlatoria pyri</i> Marlatt (Coccidae):					
<i>Acer</i> sp.	Japan			1	Calif.*
<i>Parlatoria zizyphus</i> (Lucas) (Coccidae):					
<i>Citrus aurantifolia</i> (lime)	Philippines	1			Calif.*
<i>Citrus limon</i> (lemon)	France, Italy		3		Calif.,* Fla.,* Pa.
<i>Citrus reticulata</i> (Mandarin orange)	Algeria		1		Pa.
<i>Citrus sinensis</i> (orange)	Algeria, Italy, Spain		4		Calif.,* Fla.,* Pa.
<i>Pealius hibisci</i> (Kot.) (Aleyrodidae):					
<i>Gardenia augusta</i> (gardenia)	Hawaii	1			Calif.*
<i>Pectinophora gossypiella</i> (Saund.) (Gelechiidae):					
<i>Gossypium</i> sp. (cottonseed)	Brazil, Hawaii, Mexico	56	10	1	Calif.,* P. R., Tex.
<i>Gossypium</i> sp. (seed cotton)	Mexico	129	25		Tex.
<i>Gossypium</i> sp. (cotton; boll)	Bahamas, Greece, Hawaii, Jamaica, Mexico.	9	4		Calif.,* Fla.,* Hawaii, N. Y., Tex.
<i>Gossypium</i> sp. (cotton; bale)	India	1			S. C.
<i>Gossypium</i> sp. (cotton; lint)	Mexico	1			Tex.
<i>Hibiscus esculentus</i> (okra)	Brazil, Trinidad	2			Fla.,* N. Y.
Railway car	Mexico		1		Tex.
Truck	do		1		Tex.
<i>Pentamerismus oregonensis</i> McGregor (Phytotipalidae):					
<i>Juniperus</i> sp. (juniper)	Japan			1	Wash.
<i>Perkinsella vitensis</i> Kirk. (Delphacidae):					
Airplane	Fiji Islands		1		Hawaii.

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<i>Phetidole megacephala</i> (F.) (Formicidae):					
<i>Ananas comosus</i> (pineapple).....	Dominica, Gold Coast.....	1	1		N. Y., P. R.
<i>Brassica rapa</i> (turnip).....	Cuba.....		1		Pa.
<i>Chrysanthemum</i> sp.....	Bermuda.....	1			N. Y.
Flowers—mixed.....	do.....	1			N. Y.
<i>Gossypium</i> sp. (cotton; boll).....	do.....	1			N. Y.
<i>Hibiscus</i> sp.....	do.....		1		N. Y.
<i>Lilium longiflorum</i> (Easter lily).....	do.....		1		Mass.
<i>Lilium</i> sp.....	do.....	2			N. Y.
Orchid.....	Brazil.....		1		N. J.
<i>Yucca</i> sp.....	Bermuda.....		1		N. Y.
<i>Phenacaspis fujicola</i> Kuw. (Coccidae):					
<i>Wisteria</i> sp.....	Japan.....		1		Calif.*
<i>Phenacaspis sandwicensis</i> Fullaway (Coccidae):					
<i>Cocos nucifera</i> (coconut).....	Hawaii.....	1			Calif.*
<i>Gardenia</i> sp.....	do.....		1		Calif.*
<i>Strelitzia reginae</i> (bird-of-paradise-flower).....	do.....	1			Calif.*
<i>Strelitzia</i> sp.....	do.....	1			Calif.*
<i>Philis febrilis</i> (L.) (Bibionidae):					
<i>Zinnia</i> sp.....	Germany.....	1			N. Y.
<i>Phloeotribus scarabaeoides</i> (Bern.) (Scolytidae):					
<i>Olea europaea</i> (olive).....	Italy.....	1			N. Y.
<i>Phytocinus callosus</i> Boh. (Curculionidae):					
<i>Vitis</i> sp. (grape).....	Union of South Africa.....	1			Mass.
<i>Phytomyza rufipes</i> (Mg.) (Agromyzidae):					
<i>Brassica oleracea botrytis</i> (cauliflower).....	Sweden.....		1		Mass.
<i>Phytoptus abellanae</i> Nal. (Eriophyidae):					
<i>Corylus maxima purpurea</i>	Netherlands.....		1		N. J.
<i>Pieris brassicae</i> (L.) (Pieridae):					
<i>Brassica oleracea capitata</i> (cabbage).....	Denmark, France.....		2		N. Y., Va.
<i>Pieris brassicae</i> (L.) (?) (Pieridae):					
<i>Brassica oleracea capitata</i> (cabbage).....	Ireland.....	1			Mass.
<i>Pinnaspis buxi</i> (Bouche) (Coccidae):					
Araceae.....	Canal Zone.....		1		Fla.
<i>Cordylone terminalis</i> (dracena).....	do.....		1		N. J.
Leaf—unidentified.....	Costa Rica.....		2		Tex.
<i>Monstera</i> sp.....	Cuba.....		1		D. C.
<i>Scindapsus aureus</i> (Solomon Islands ivy-arum).....	Hawaii.....		1		Calif.*
<i>Strelitzia</i> sp.....	do.....	1			Calif.*
<i>Pinnaspis scrobicularum</i> (Green) (Coccidae):					
<i>Aerides quinquevulnera</i> (orchid).....	Philippines.....		1		Calif.*
<i>Vanda luzonica</i> (orchid).....	do.....		1		Calif.*
<i>Vanda sanderiana</i>	do.....		1		Calif.*
<i>Pinnaspis uniloba</i> (Kuw.) (Coccidae):					
<i>Camellia</i> sp.....	Japan.....		1		Calif.*
<i>Pityogenes chalcographus</i> (L.) (Scolytidae):					
Bark on crate.....	Sweden.....	1			Tex.
<i>Picea</i> sp. (spruce).....	do.....	2			Mass., N. Y.
<i>Pinus</i> sp.....	do.....	1			N. Y.
<i>Pityophthorus sambuci</i> Blkm. (Scolytidae):					
Bark on crate.....	Mexico.....	1			Calif.
<i>Plagiodera thymaloides</i> Stal (Chrysomelidae):					
Orchid.....	do.....		1		Tex.
<i>Tillandsia</i> sp.....	do.....		1		Tex.
<i>Platynota rostrana</i> (Wlk.) (Tortricidae):					
<i>Ananas comosus</i> (pineapple).....	Cuba.....	1			N. Y.
<i>Capsicum frutescens</i> (pepper).....	do.....	2			N. Y.
<i>Capsicum frutescens grossum</i> (bell pepper).....	Trinidad.....		1		Ala.
<i>Lippia</i> sp.....	Costa Rica.....	1			P. R.
<i>Lycopersicon esculentum</i> (tomato).....	Mexico.....	6			Tex.
<i>Sechium edule</i> (chayote).....	do.....	1			Tex.
" <i>Poliaspis</i> " <i>pini</i> Mask. (Coccidae):					
<i>Pinus</i> sp. (2-leaved pine).....	Japan.....		1		Calif.*
<i>Pinus</i> sp.....	do.....		1		Pa.
<i>Polychrosis botrana</i> (Schiff.) (Olethreutidae):					
<i>Vitis</i> sp. (grape).....	Italy.....	3			Mass., N. Y.
<i>Prays oleellus</i> (F.) (Hyponomeutidae):					
<i>Olea europaea</i> (olive).....	do.....	1			N. Y.

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Insect and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
<i>Prodenia litura</i> (F.) (Phalaenidae):					
Airplane	Wake Island		1		Hawaii.
<i>Gladiolus</i> sp.	Israel	3			N. Y.
<i>Prodenia ornithogalli</i> Gn. (Phalaenidae):					
<i>Dianthus</i> sp. (carnation)	Bermuda	1			N. Y.
<i>Prostephanus truncatus</i> (Horn) (Bostrichidae):					
<i>Cephalocereus senilis</i> (cactus)	Mexico		1		Tex.
<i>Protactia orientalis</i> (Gory & Perch.) (Scarabaeidae):					
Airplane	Japan		1		Hawaii.
<i>Protopulvinaria longivalvata</i> (Green) (Coccidae):					
<i>Gardenia augusta</i> (gardenia)	Costa Rica, Panama (?), Trinidad.	1	1		Calif.,* Fla., Tex.
<i>Protopulvinaria pyrifomis</i> (Ckll.) (Coccidae):					
<i>Gardenia augusta</i> (gardenia)	Costa Rica, Panama	1		1	Fla., La.
<i>Isora</i> sp.	Barbados	1			P. R.
<i>Pseudonidia curculiginis</i> (Green) (Coccidae):					
<i>Cymbidium finlaysonianum</i> (orchid)	Philippines		1		Calif.*
<i>Pseudonidia trilobitiformis</i> (Green) (Coccidae):					
<i>Citris aurantifolia</i> (lime)	Colombia	1			Fla.*
Ground creeper—unidentified	Trinidad		1		P. R.
<i>Pseudischinaspis alienus</i> (Newst.) (Coccidae):					
<i>Cattleya</i> sp. (orchid)	Salvador			1	Fla.
<i>Laelia</i> sp. (orchid)	Mexico			1	Tex.
Orchid	Panama	1			Fla.*
<i>Pseudischinaspis longissima</i> (Ckll.) (Coccidae):					
<i>Mangifera indica</i> (mango)	Nicaragua, Panama	2			Calif.*
<i>Pseudococcus filamentosus</i> (Ckll.) (Coccidae):					
<i>Mangifera indica</i> (mango)	Colombia		1		Pa.
<i>Pseudococcus lilacinus</i> Ckll. (Coccidae):					
<i>Lansium domesticum</i> (lansat)	Philippines	1			Hawaii.
<i>Pseudococcus palmarum</i> (Ehrh.) (Coccidae):					
<i>Cocos nucifera</i> (coconut)	Hawaii	2			Calif.*
<i>Pseudococcus pandanicola</i> Tak. (Coccidae):					
<i>Pandanus</i> sp.	Arno Atoll Island			1	Hawaii.
<i>Pseudococcus pini</i> (Kuw.) (Coccidae):					
<i>Pinus</i> sp. (2-leaved pine)	Japan	1			Wash.
<i>Pinus</i> sp. (5-leaved pine)	do			1	Calif.*
<i>Pseudococcus trichiliae</i> Brain (Coccidae):					
<i>Leucadendron argenteum</i>	Union of South Africa	1			Mass.
<i>Pseudodiaspis yuccae</i> (Ckll.) (Coccidae):					
<i>Cercidium</i> sp. (paloverde)	Mexico			1	Ariz.
<i>Pseudothrips glaucus</i> Bagn. (?) (Thripidae):					
<i>Berzelia intermedia</i>	Union of South Africa.	1			N. Y.
<i>Protea reflexa</i>	do	1			N. Y.
<i>Psylliodes chrysocephala</i> L. (Chrysomelidae):					
<i>Raphanus sativus</i> (radish)	Italy		1		Pa.
<i>Pulvinaria psidii</i> Mask. (Coccidae):					
<i>Alpinia purpurata</i>	Hawaii	1			Calif.*
<i>Bryophyllum</i> spp.	do	1			Hawaii.
Plant—unidentified	Bermuda			1	Mass.
<i>Rhododendron</i> sp.	do	1			N. Y.
<i>Puto ulter</i> Ferris (Coccidae):					
<i>Odontoglossum grande</i> (orchid)	Guatemala			1	N. J.
<i>Odontoglossum</i> sp.	do			1	Wash.
Ochid	do			3	Fla.
<i>Pyrausta nubilalis</i> (Hbn.) (Pyraustidae):					
<i>Capsicum frutescens</i> (pepper)	Italy, Trieste, unknown.	1	3		N. Y., Pa., Tex.
<i>Capsicum frutescens grossum</i> (bell pepper)	Egypt		1		Pa.
<i>Chrysanthemum</i> sp.	Japan		1		Wash.
<i>Phaseolus vulgaris</i> var. (string bean)	do		2		Wash.
<i>Solanum melongena</i> (eggplant)	Formosa		1		Wash.
<i>Sorghum vulgare technicum</i> (broomcorn)	Italy	8			Md., Mass., N. Y., Tex.
<i>Rhagoletis cerasi</i> (L.) (Tephritidae):					
<i>Prunus</i> sp. (cherry)	Azores, France, Italy, Portugal, Switzer- land, unknown.	5	8		Mass., N. Y.

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		Consumption	Nonentry	Propagation	
<i>Rhagoletis completa</i> Cress. (Tephritidae):					
<i>Juglans</i> sp. (walnut)	Mexico	3			Tex.
<i>Rhagoletis pomonella</i> (Walsh) (Tephritidae):					
<i>Malus sylvestris</i> (apple)	Mexico, unknown	36			Ariz., Fla.,* Tex.
<i>Pyrus communis</i> (pear)	Mexico	1			Tex.
<i>Rhagoletis pomonella</i> (Walsh) (?) (Tephritidae):					
<i>Malus sylvestris</i> (apple)	Sweden		1		N. Y.
<i>Rhagoletis striatella</i> Wulp (Tephritidae):					
<i>Physalis</i> sp. (husk tomato)	Mexico	1			Tex.
<i>Ribua innoxia</i> Hein. (Phycitidae):					
<i>Ananas comosus</i> (pineapple)	Cuba	2			N. Y.
<i>Scepticus insularis</i> Roelofs (Curculionidae):					
Packing around plants	Japan			1	Wash.
<i>Scotinophara lurida</i> (Burm.) (Pentatomidae):					
<i>Oryza sativa</i> (rice)	do	1			Hawaii.
<i>Scyphophorus acupunctatus</i> Gyll. (Curculionidae):					
Ixtle	Mexico	1			Tex.
<i>Sesamia cretica</i> Led. (Phalaenidae):					
<i>Sorghum vulgare technicum</i> (broomcorn)	Greece, Italy, Morocco ..	19			Md., Mass., N. Y., Tex., Va.
<i>Zea mays</i> (corn)	Italy	1			N. Y.
<i>Sesamia nonagrioides</i> Lef. (Phalaenidae):					
<i>Sorghum vulgare technicum</i> (broomcorn)	Morocco	1			Md.
<i>Sinozylon anale</i> Lesne (Bostrichidae):					
<i>Khaya</i> sp.	Philippines	1			Tex.
Wood	India	3			N. Y.
<i>Sinozylon conigerum</i> Gerst. (Bostrichidae):					
Wood	do	11			Calif.,* N. Y., Tex.
<i>Sinozylon crassum</i> Lesne (Bostrichidae):					
Wood	do	4			Calif.*
<i>Sinozylon sexdentatum</i> Oliv. (Bostrichidae):					
Cork-bale slat.	Algeria	1			Pa.
<i>Sirez noctilio</i> F. (Siricidae):					
Woolen goods	Switzerland	1			N. Y.
<i>Sisamnes contractus</i> Dist. (Lygaeidae):					
<i>Ananas comosus</i> (pineapple)	Mexico	6			Tex.
<i>Sitona lineata</i> (L.) (Curculionidae):					
<i>Beta vulgaris</i> (beet)	England		1		Pa.
<i>Chrysanthemum</i> sp.	Denmark, Portugal	2			N. Y.
<i>Syringa</i> sp. (lilac)	Netherlands	1			N. Y.
<i>Sizeonotus luteiceps</i> Reuter (Miridae):					
Cactus	Mexico			2	Tex.
<i>Mammillaria compressa cristata</i> (cactus)	do			1	Tex.
<i>Mammillaria</i> sp.	do			1	Tex.
<i>Spondylis buprestoides</i> L. (Cerambycidae):					
Baggage	Japan	1			Hawaii.
<i>Stenomoma anonella</i> Sepp. (Stenomidae):					
<i>Annona muricata</i> (soursop)	Salvador	1			La.
<i>Stenomoma catenifer</i> Wlsm. (Stenomidae):					
<i>Persea americana</i> (avocado)	British Honduras, Colombia, Ecuador, Guatemala, Honduras, Mexico, Nicaragua, Panama, Peru.	21	5		Calif.,* Fla.,* La., N. Y., Tex.
<i>Stephanitis pyrioides</i> Scott (Tingidae):					
<i>Rhododendron</i> sp.	Japan			1	Calif.*
<i>Stephanoderes hampei</i> (Ferr.) (Scolytidae):					
<i>Coffea</i> sp. (coffee)	Brazil	1			La.
<i>Strophosoma capitatus</i> (Deg.) (Curculionidae):					
Forest litter with hydrangeas	Germany		1		Wash.
<i>Strophosoma melanogrammum</i> (Forst.) (Curculionidae):					
Soil and woods moss with rosaceous plants	do			1	N. J.

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<i>Taeniothrips atratus</i> (Hal.) (Thripidae):					
<i>Calluna vulgaris</i> (heather).....	Scotland.....	1			Ill.
<i>Dianthus barbatus</i> (sweet-william).....	Germany, unknown.....	1	1		N. Y.
<i>Dianthus</i> sp. (carnation).....	Czechoslovakia, France, Germany, Sweden.....	10			N. Y.
<i>Lathyrus odoratus</i> (sweet pea).....	Sweden.....	1			N. Y.
<i>Rosa</i> sp. (rose).....	Ireland.....	1			Mass.
<i>Taeniothrips ericae</i> (Hal.) (Thripidae):					
<i>Calluna vulgaris</i> (heather).....	England, Ireland, Scotland.....	7		1	Ill., N. Y., Pa.
<i>Taeniothrips gracilis</i> Mlt. (Thripidae):					
<i>Lilium longiflorum</i> (Easter lily).....	Bermuda.....	1			N. J.
<i>Taeniothrips hawaiiensis</i> (Morg.) (Thripidae):					
<i>Canavalia</i> sp.....	Hawaii.....	1			Calif.*
<i>Chrysanthemum</i> sp.....	Japan.....	1	1		Wash.
<i>Gardenia augusta</i> (gardenia).....	Hawaii.....	1			Calif.*
<i>Taeniothrips vulgarissimus</i> (Hal.) (Thripidae):					
<i>Dianthus</i> sp. (carnation).....	Germany.....	1			N. Y.
<i>Lathyrus odoratus</i> (sweet pea).....	Unknown.....		1		N. Y.
<i>Lathyrus</i> sp.....	do.....		1		N. Y.
<i>Talponia batesi</i> Hein. (Olethreutidae):					
<i>Annona cherimola</i> (cherimoya).....	Mexico.....	5			Tex.
<i>Annona muricata</i> (sourpomp).....	Guatemala.....		2		La.
" <i>Targionia</i> " <i>bromiliae</i> (Leon) (Coccidae):					
<i>Ananas comosus</i> (pineapple).....	Mexico.....	19			Tex.
" <i>Targionia</i> " <i>cucroensis</i> (Ckll.) (Coccidae):					
<i>Prosopis juliflora</i> (mesquite).....	do.....	1			Tex.
" <i>Targionia</i> " <i>hartii</i> (Ckll.) (Coccidae):					
<i>Dioscorea</i> sp. (yam).....	Barbados, Dominican Republic, Mexico, Philippines, Trinidad.....	3	2		Calif.*, Fla.*, Mass., N. Y., P. R.
" <i>Targionia</i> " <i>sacchari</i> (Ckll.) (Coccidae):					
Grass.....	Saipan.....	1			Oreg.
<i>Saccharum officinarum</i> (sugarcane).....	Cuba, Puerto Rico.....	2			Fla.*, N. Y.
<i>Teleonemia cylindricornis</i> Champ. (Tingidae):					
Orchid.....	Mexico.....			1	Tex.
<i>Tenthecoris angustimarginatus</i> Hsiao & Sailer (Miridae):					
Orchid.....	do.....			7	Tex.
<i>Tenthecoris bicolor</i> Scott (Miridae):					
<i>Epidendrum</i> sp. (orchid).....	Guatemala.....			1	N. J.
Orchid.....	Guatemala, Mexico.....			5	Fla., Tex.
<i>Tenthecoris confusus</i> Hsiao & Sailer (Miridae):					
Orchid.....	Mexico.....			5	Tex.
<i>Tenthecoris orchidearum</i> (Reuter) (Miridae):					
Orchid.....	Brazil.....			1	P. R.
<i>Tephritis arnicae</i> (L.) (Tephritidae):					
Flowers—unidentified.....	Switzerland.....	1			N. Y.
<i>Tetraleurodes acaciae</i> (Q.) (Aleyrodidae):					
<i>Laurus nobilis</i> (Grecian laurel).....	Mexico.....	1			Tex.
Leaf—unidentified.....	do.....			1	Ariz.
Legume leaf.....	Cuba.....	1			Fla.*
<i>Mangifera indica</i> (mango).....	Mexico.....	1			Ariz.
<i>Tetropium castaneum</i> (L.) (Cerambycidae):					
<i>Pinus</i> sp. (pine).....	Germany.....	1			La.
<i>Tezananus spatulatus</i> (VanD.) (Cicadellidae):					
Airplane.....	Mexico.....			1	Tex.
<i>Toxotrypana curvicauda</i> Gerst. (Tephritidae):					
<i>Carica papaya</i> (papaya).....	do.....	1	1		Tex.
Truck bed.....	do.....		2		Tex.
<i>Trialeurodes abutilonea</i> (Hald.) (?) (Aleyrodidae):					
Leaf—unidentified.....	do.....	1			Tex.
<i>Trialeurodes lauri</i> (Sign.) (Aleyrodidae):					
<i>Laurus nobilis</i> (Grecian laurel).....	Italy.....		1		Tex.
<i>Trialeurodes varia</i> Q. & B. (Aleyrodidae):					
<i>Cucurbita</i> (?) sp.....	Mexico.....	1			Tex.
<i>Trichobaris championi</i> Barber (Curculionidae):					
<i>Physalis</i> sp. (husk tomato).....	do.....	1			Tex.

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<i>Trionymus sacchari</i> (Ckll.) (Coccidae):					
<i>Saccharum officinarum</i> (sugarcane)	Cuba, Mexico	2	1	---	Ariz., Fla.,* Pa. D. C.
<i>Saccharum</i> sp.	Hawaii	---	---	1	---
<i>Unaspis citri</i> (Comst.) (Coccidae):					
<i>Citrus paradisi</i> (grapefruit)	Canal Zone	---	1	---	Calif.*
<i>Citrus sinensis</i> (orange)	Brazil, Canal Zone, China, Mexico	---	3	---	Calif.,* Fla.*
<i>Citrus</i> sp.	Haiti	2	---	---	---
<i>Unaspis yanonensis</i> (Kuw.) (Coccidae):	do.	1	---	---	Fla.*
<i>Unaspis limon</i> (lemon)	Japan	---	3	---	Calif.*
<i>Citrus paradisi</i> (grapefruit)	do.	---	1	---	Calif.*
<i>Citrus reticulata</i> (Mandarin orange)	do.	---	27	---	Calif.,* Hawaii.
<i>Citrus reticulata unshiu</i> (satsuma orange)	do.	1	---	---	Wash.
<i>Citrus sinensis</i> (orange)	do.	1	21	---	Calif.,* Minn. Hawaii.
<i>Citrus</i> sp. (orange)	Philippines	1	---	---	---
<i>Valtissius diversus</i> (Dist.) (Lygaeidae):					
Orchid	Mexico	---	---	1	Tex.
<i>Vinsonia stellifera</i> (Westw.) (Coccidae):					
Araceae	Cuba	1	---	---	Fla.*
<i>Aspasia epidendroides</i> (orchid)	Canal Zone	---	1	---	Calif.*
<i>Brassavola</i> sp. (orchid)	Puerto Rico	---	1	---	Fla.
<i>Cattleya</i> sp. (orchid)	Venezuela	---	1	---	N. J.
<i>Cynoches</i> spp. (orchid)	Canal Zone	---	1	---	Calif.*
<i>Epidendrum ciliare</i> (orchid)	Panama	---	1	---	Tex.
<i>Epidendrum pachycarpum</i>	Canal Zone	---	1	---	N. J.
<i>Epidendrum</i> sp.	do.	---	1	---	Calif.*
<i>Genipa</i> sp. (genip)	Puerto Rico	1	---	---	Fla.*
<i>Gongora</i> sp. (orchid)	Canal Zone	---	1	---	Calif.*
<i>Laelia leudemannii</i> (orchid)	do.	---	1	---	Calif.*
<i>Oncidium citrinum</i> (orchid)	Trinidad	---	1	---	N. J.
Orchid	Canal Zone, Costa Rica, Cuba, Haiti, Jamaica, Montserrat, Trinidad.	---	8	---	Fla., Mass.
<i>Xestolabus laesicollis</i> (Gyll.) (Curculionidae):					
Orchid	Mexico	---	---	1	Tex.
<i>Xyloerthodes nitidipennis</i> (Murray) (Bostrichidae):					
<i>Triplochiton scleroxylon</i>	Gold Coast	2	---	---	La.
<i>Xyloperthella crinitarsis</i> (Imh.) (Bostrichidae):					
<i>Khaya</i> sp.	Gold Coast, Liberia	2	---	---	La., Va.
<i>Xylotrupes gideon</i> (L.) (Scarabaeidae):					
Airplane	Philippines	---	1	---	Hawaii.

Hosts and Insects

- ACACIA:**
Acanthoscelides spinipes (Coleoptera)
- ACER:**
Parlatoria pyri (Homoptera)
- ACHRAS:**
Anastrepha serpentina (Diptera)
Aspidiotus destructor (Homoptera)
- AERIDES:**
Parlatoria pseudaspidotus (Homoptera)
Pinnaspis scrobicularum (Homoptera)
- AESCULUS:**
Lecanium coryli (Homoptera)
- AGAVE:**
Chrysomphalus agavis (Homoptera)
- ALLIUM SATIVUM:**
Brachycerus albidentatus (Coleoptera)
Brachycerus algirus (Coleoptera)
Dyspessa ulula (Lepidoptera)
- ALPINIA:**
Pulvinaria psidii (Homoptera)
- ANANAS:**
Agallia lingula (Hemiptera)
Cyclocephala cubana (Coleoptera)
Iridomyrmex humilis (Hymenoptera)
Monomorium destructor (Hymenoptera)
Opogona aurisquamosa (Lepidoptera)
Pheidole megacephala (Hymenoptera)
Platynota rostrana (Lepidoptera)
Ribua innoxia (Lepidoptera)
Sisamnes contractus (Hemiptera)
"Targionia" bromiliae (Homoptera)
- ANNONA:**
Ceratitis capitata (Diptera)
Stenomoma anonella (Lepidoptera)
Talponia batesi (Lepidoptera)
- ANTHURIUM:**
Ceroplastes rubens (Homoptera)
- ANTIRRHINUM:**
Haplothrips gowdeyi (Thysanoptera)
- APIUM:**
Mamestra brassicae (Lepidoptera)
- ARACEAE:**
Aspidiotus destructor (Homoptera)
Aspidiotus palmarum (Homoptera)
Pinnaspis buxi (Homoptera)
Vinsonia stellifera (Homoptera)
- ARRACACIA:**
Anuraphis tulipae (Homoptera)
- ASPASIA:**
Vinsonia stellifera (Homoptera)
- ASPLENIUM:**
Ferrisia virgata (Homoptera)
- ASTER:**
Microcephalothrips abdominalis (Thysanoptera)
- BAMBOO:**
Asterolecanium bambusae (Homoptera)
Dinoderus brevis (Coleoptera)
- BAUHINIA:**
Caryedon fuscus (Coleoptera)
- BERZELIA:**
Pseudothrips glaucus (?) (Thysanoptera)
- BETA:**
Gnorimoschema ocellatella (Lepidoptera)
Sitona lineata (Coleoptera)
- BRASSAVOLA:**
Furcaspis bifurmis (Homoptera)
Vinsonia stellifera (Homoptera)
- BRASSIA:**
Conchaspis angraeci (Homoptera)
- BRASSICA NAPOBRASSICAE:**
Mamestra brassicae (Lepidoptera)
- BRASSICA OLERACEA BOTRYTIS:**
Euregistis forficatus (Lepidoptera)
Phylomyza rufipes (Diptera)
- BRASSICA OLERACEA CAPITATA:**
Agrotis ypsilon (Lepidoptera)
Deroceras reticulatum (Mollusca)
Euregistis forficatus (Lepidoptera)
Euregistis rimosalis (Lepidoptera)
Mamestra brassicae (Lepidoptera)
Pieris brassicae (Lepidoptera)
- BRASSICA RAPA:**
Pheidole megacephala (Hymenoptera)
- BROMELIAD:**
Lema quinquevittata (Coleoptera)
Microvelia oaxacana (Hemiptera)
- BROUGHTONIA:**
Asterolecanium epidendri (Homoptera)
- BRYOPHYLLUM:**
Haplothrips gowdeyi (Thysanoptera)
Pulvinaria psidii (Homoptera)
- BUXUS:**
Eriophyes canestrinii (Arachnida)
- CACTUS:**
Ceratitis capitata (Diptera)
Cryphula apicatus (Hemiptera)
Dysdercus mimulus (Hemiptera)
Lepidosaphes philococcus (Homoptera)
Sizeonotus luteiceps (Hemiptera)
- CAESALPINIA:**
Mimosetes dominicanus (Coleoptera)
- CALLUNA:**
Aphis callunae (Homoptera)
Gelechia ericetella (Lepidoptera)
Microtus ericae (Coleoptera)
Orthotylus ericetorum (Hemiptera)
Taeniothrips atratus (Thysanoptera)
Taeniothrips ericae (Thysanoptera)
- CALOCARPUM:**
Anastrepha serpentina (Diptera)
- CAMELLIA:**
Parlatoria camelliae (Homoptera)
Pinnaspis uniloba (Homoptera)
- CANAVALIA:**
Lampides boeticus (Lepidoptera)
Maruca testulalis (Lepidoptera)
Taeniothrips hawaiiensis (Thysanoptera)
- CAPSIUM:**
Amorbia emigratella (Lepidoptera)
Arvelius albopunctatus (Hemiptera)
Dacus cucurbitae (Diptera)
Dacus dorsalis (?) (Diptera)
Faustinus cubae (Coleoptera)
Gnorimoschema gudmannella (Lepidoptera)
Platynota rostrana (Lepidoptera)
Pyrausta nubilalis (Lepidoptera)
- CARALLUMA:**
Asterolecanium stentae (Homoptera)
- CARICA:**
Cryptoblabes gnidiella (Lepidoptera)
Toxotrypana curvicauda (Diptera)
- CASSIA:**
Aganactes indecora (Lepidoptera)
- CASTANEA:**
Aspidiotus cryptoxanthus (Homoptera)
Cryptoblabes gnidiella (Lepidoptera)
Curculio elephas (Coleoptera)
Hemimene juliana (Lepidoptera)
Laspeyresia splendana (Lepidoptera)
- CATASETUM:**
Ferrisia virgata (Homoptera)
- CATTLEA:**
Asterolecanium epidendri (Homoptera)
Eurytoma orchidearum (Hymenoptera)
Furcaspis bifurmis (Homoptera)
Pseudischnaspis altenuis (Homoptera)
Vinsonia stellifera (Homoptera)
- CELOSIA:**
Lorostege similis (Lepidoptera)
- CENTAUREA:**
Pachyzancla bipunctalis (Lepidoptera)
- CEPHALOCEREUS:**
Prostephanus truncatus (Coleoptera)
- CERCIDIUM:**
Pseudodiaspis yuccae (Homoptera)
- CEREUS:**
Lepidosaphes philococcus (Homoptera)
- CHRYSANTHEMUM:**
Cyrtopeltis varians (Hemiptera)
Frankliniella formosae (Thysanoptera)
Pachyzancla bipunctalis (Lepidoptera)
Pheidole megacephala (Hymenoptera)
Pyrausta nubilalis (Lepidoptera)
Sitona lineata (Coleoptera)
Taeniothrips hawaiiensis (Thysanoptera)
- CHRYSOPHYLLUM:**
Aspidiotus herculeanus (Homoptera)
Coccus viridis (Homoptera)
- CITRUS AURANTIFOLIA:**
Aleurocanthus woglumi (Homoptera)
Aleurothrix floccosus (Homoptera)
Anastrepha ludens (Diptera)

Hosts and Insects—Continued

CITRUS AURANTIFOLIA—Continued

- Chrysomphalus personatus* (Homoptera)
- Leucaspis cockerelli* (Homoptera)
- Parlatoria cinerea* (Homoptera)
- Parlatoria zizyphus* (Homoptera)
- Pseudanidia trilobitiformis* (Homoptera)

CITRUS AURANTIUM:

- Anastrepha ludens* (Diptera)
- Leucaspis cockerelli* (Homoptera)

CITRUS GRANDIS:

- Aonidiella comperi* (?) (Homoptera)

CITRUS LIMON:

- Aleurocanthus woglumi* (Homoptera)
- Ceratitidis capitata* (Diptera)
- Cryptoblabes gnidiella* (Lepidoptera)
- Parlatoria zizyphus* (Homoptera)
- Unaspis yanonensis* (Homoptera)

CITRUS LIMON VAR. PONDEROSA:

- Anastrepha ludens* (Diptera)

CITRUS PARADISI:

- Anastrepha ludens* (Diptera)
- Argyroploce leucotreta* (Lepidoptera)
- Ceratitidis capitata* (Diptera)
- Chrysomphalus personatus* (Homoptera)
- Leucaspis cockerelli* (Homoptera)
- Parlatoria cinerea* (Homoptera)
- Unaspis citri* (Homoptera)
- Unaspis yanonensis* (Homoptera)

CITRUS RETICULATA:

- Aleurocanthus woglumi* (Homoptera)
- Anastrepha ludens* (Diptera)
- Ceratitidis capitata* (Diptera)
- Dialeurodes citri* (Homoptera)
- Parlatoria zizyphus* (Homoptera)
- Unaspis yanonensis* (Homoptera)

CITRUS SINENSIS:

- Aleurocanthus woglumi* (Homoptera)
- Anastrepha ludens* (Diptera)
- Aonidiella citrina* (Homoptera)
- Argyroploce leucotreta* (Lepidoptera)
- Ceratitidis capitata* (Diptera)
- Chrysomphalus albopictus* (Homoptera)
- Gymnandrosoma aurantianum* (?) (Lepidoptera)
- Leucaspis cockerelli* (Homoptera)
- Parlatoria cinerea* (Homoptera)
- Parlatoria zizyphus* (Homoptera)
- Unaspis citri* (Homoptera)
- Unaspis yanonensis* (Homoptera)

CITRUS SP. (orange):

- Unaspis yanonensis* (Homoptera)

CITRUS SP.:

- Aleurocanthus woglumi* (Homoptera)
- Dialeurodes citri* (Homoptera)
- Dialeurodes citrifolii* (Homoptera)
- Unaspis citri* (Homoptera)

COCCOLOBIA:

- Cryptoblabes gnidiella* (Lepidoptera)
- Pheidole megacephala* (Hymenoptera)

COCOS:

- Aonidiella inornata* (Homoptera)
- Aspidiotus destructor* (Homoptera)
- Aspidiotus palmarum* (Homoptera)
- Ereunetis flavistriata* (Lepidoptera)
- Phenacaspis sandwicensis* (Homoptera)
- Pseudococcus palmarum* (Homoptera)

CODIAEUM:

- Haplothrips gowdeyi* (Thysanoptera)
- Lepidosaphes tokionis* (Homoptera)

COFFEA:

- Aleurocanthus woglumi* (Homoptera)
- Ceratitidis capitata* (Diptera)
- Coccus viridis* (Homoptera)
- Stephanoderes hampei* (Coleoptera)

CORDYLINE:

- Pinnaspis buxi* (Homoptera)

CORTADERIA:

- Deroceras reticulatum* (Mollusca)

CORYLUS:

- Phytoptus avellanae* (Arachnida)

COSTUS:

- Chrysomphalus scutiformis* (Homoptera)

CRATAEGUS:

- Lecanium coryli* (Homoptera)

CROCUS:

- Anurophus tulipae* (Homoptera)

CRYPTOMERIA:

- Lepidosaphes pallida* (Homoptera)

CUCUMIS:

- Dacus cucurbitae* (Diptera)

CUCURBITA:

- Trialeurodes varia* (Homoptera)

CYCAS:

- Coccus acutissimus* (Homoptera)

CYNOCHE:

- Eucactophagus aurocinctus* (Coleoptera)

- Ferrisia virgata* (Homoptera)

- Vinsonia stellifera* (Homoptera)

CYDONIA:

- Ceratitidis capitata* (Diptera)

CYMBIDIUM:

- Lepidosaphes tuberculata* (Homoptera)
- Parlatoria pseudaspidotus* (Homoptera)
- Pseudanidia curculiginis* (Homoptera)

CYMBOPOGON:

- Avilaspis tegalensis* (Homoptera)

CYNARA:

- Gortyna flavago* (Lepidoptera)
- Gortyna ochracea* (Lepidoptera)

CYPRIPEDIUM:

- Coccus capparidis* (Homoptera)

DENDROBIUM:

- Parlatoria pseudaspidotus* (Homoptera)

DIANTHUS:

- Deroceras reticulatum* (Mollusca)
- Frankliniella intonsa* (Thysanoptera)
- Iridomyrmex humilis* (Hymenoptera)
- Prodenia ornithogalli* (Lepidoptera)
- Taeniothrips atratus* (Thysanoptera)
- Taeniothrips vulgatissimus* (Thysanoptera)

DIOSCORA:

- Palaeopus costicollis* (Coleoptera)
- "Targionia" hartii (Homoptera)

DIOSPYROS:

- Coccus viridis* (Homoptera)

EPIDENDRUM:

- Aspidiotus destructor* (Homoptera)
- Furcaspis bifornis* (Homoptera)
- Tenthetorix bicolor* (Hemiptera)
- Vinsonia stellifera* (Homoptera)

EUGENIA:

- Dacus dorsalis* (Diptera)

EUPHORBIA:

- Bemisia tabaci* (Homoptera)

FEIJOA:

- Ceroplastes sinensis* (Homoptera)

FIGUS:

- Ceratitidis capitata* (Diptera)
- Ceroplastes rusci* (Homoptera)
- Chrysomphalus rossi* (Homoptera)
- Hypoborus ficus* (Coleoptera)
- Iridomyrmex humilis* (Hymenoptera)
- Lepidosaphes ficus* (Homoptera)

FRAXINUS:

- Leperisinus fraxini* (Coleoptera)

GALANTHUS(?):

- Lampetia equestris* (Diptera)

GARDENIA:

- Ceroplastes rubens* (Homoptera)
- Coccus viridis* (Homoptera)
- Dialeurodes citri* (Homoptera)
- Ferrisia virgata* (Homoptera)
- Petalus hibisci* (Homoptera)
- Phenacaspis sandwicensis* (Homoptera)
- Protopulvinaria longivalvata* (Homoptera)
- Protopulvinaria pyrifolmis* (Homoptera)
- Taeniothrips hawaiiensis* (Thysanoptera)

GENIPA:

- Vinsonia stellifera* (Homoptera)

GLADIOLUS:

- Amorbia emigratella* (Lepidoptera)
- Carpocoris pudicus* (Hemiptera)
- Frankliniella fortissima* (Thysanoptera)
- Prodenia litura* (Lepidoptera)

GONGORA:

- Asterolecanium epidendri* (Homoptera)
- Vinsonia stellifera* (Homoptera)

GOSSYPIUM:

- Earias insulana f. semifascia* (Lepidoptera)
- Oryzaenus lactus* (Hemiptera)
- Pectinophora gossypiella* (Lepidoptera)
- Pheidole megacephala* (Hymenoptera)

Hosts and Insects—Continued

GRUSONIA:

Dactylopius coccus (Homoptera)

HAWORTHIA:

Aspidiotus destructor (Homoptera)

HEDERA:

Lichtensia viburni (Homoptera)

HELICHRYSUM:

Frankliniella schultzei (Thysanoptera)*Haplothrips gowdeyi* (Thysanoptera)*Microcephalothrips abdominalis* (Thysanoptera)

HEURNIA:

Asterolecanium stentae (Homoptera)

HIBISCUS:

Frankliniella bispinosa (Thysanoptera)*Pectinophora gassypiella* (Lepidoptera)*Pheidole megacephala* (Hymenoptera)

HOYA:

Parlatoria pseudaspidiotus (Homoptera)

IMPATIENS:

Aleuroglandulus emmae (Homoptera)

IPOMOEA:

Alcidodes dentipes (Coleoptera)*Cylas formicarius* (Coleoptera)*Cylas formicarius* var. (Coleoptera)*Cylas formicarius elegantulus* (Coleoptera)*Cylas puncticollis* (Coleoptera)*Euscapes postfasciatus* (Coleoptera)

IRIS:

Anuraphis tulipae (Homoptera)

IXORA:

Coccus viridis (Homoptera)*Protopulvinaria pyriformis* (Homoptera)

IXTLE:

Scyphophorus acupunctatus (Coleoptera)

JASMINUM:

Aleurotuberculatus jasmini (Homoptera)*Anidiella inornata* (Homoptera)*Dialeurodes kirkaldyi* (Homoptera)

JUGLANS:

Rhagoletis completa (Diptera)*Rhagoletis juglandis* (Diptera)

JUNIPERUS:

Lepidosaphes pallida (Homoptera)*Pentamerismus oregonensis* (Arachnida)

KHAYA:

Amitermes unidentatus (Isoptera)*Bostrychoplites cornutus* (Coleoptera)*Cordylomera spinicornis* (Coleoptera)*Minthea obsita* (Coleoptera)*Sinoxylon anale* (Coleoptera)*Xyloperthella crinitarsis* (Coleoptera)

LACTUCA:

Acalymma trivittata (Coleoptera)*Deroceras reticulatum* (Mollusca)*Heterogaster urticae* (Hemiptera)

LAELIA:

Ferrisia virgata (Homoptera)*Furcaspis biformis* (Homoptera)*Pseudischnaspis alienus* (Homoptera)*Vinsonia stellifera* (Homoptera)

LANSIUM:

Pseudococcus lilacinus (Homoptera)

LATHYRUS:

Bruchus tristis (Coleoptera)*Frankliniella intonsa* (Thysanoptera)*Taeniothrips atratus* (Thysanoptera)*Taeniothrips vulgatissimus* (Thysanoptera)

LAURUS:

Aspidiotus palmarum (Homoptera)*Tetraleurodes acaciae* (Homoptera)*Trialeurodes lauri* (Homoptera)

LENS:

Bruchus lentis (Coleoptera)*Bruchus signaticornis* (Coleoptera)

LEUCADENDRON:

"Chionaspis" leucandendri (Homoptera)*Pseudococcus trichiliae* (Homoptera)

LEUCOPHYLLUM:

Iridomyrmex humilis (Hymenoptera)

LEUCOSPERMUM:

Chrysomphalus rossi (Homoptera)

LILIUM:

Haplothrips gowdeyi (Thysanoptera)*Pheidole megacephala* (Hymenoptera)*Taeniothrips gracilis* (Thysanoptera)

LINARIA:

Frankliniella intonsa (Thysanoptera)

LIPPIA:

Platynota rostrana (Lepidoptera)

LONICERA:

Microcephalothrips abdominalis (Thysanoptera)

LUPINUS:

Frankliniella intonsa (Thysanoptera)

LYCOPERSICON:

Dacus cucurbitae (Diptera)*Dacus dorsalis* (?) (Diptera)*Dysdercus obliquus* (Hemiptera)*Ligyrocoris abdominalis* (Hemiptera)*Ligyrocoris aurivilliana* (Hemiptera)*Ligyrocoris nitidicollis* (Hemiptera)*Lineodes integra* (Lepidoptera)*Neoleucinodes elegantalis* (Lepidoptera)*Platynota rostrana* (Lepidoptera)

MALUS:

Argyresthia conjugella (Lepidoptera)*Bryobia praetiosa* (Arachnida)*Ceratitis capitata* (Diptera)*Parlatoria oleae* (Homoptera)*Rhagoletis pomonella* (Diptera)

MAMMEA:

Anastrepha serpentina (Diptera)

MAMMILLARIA:

Gerstaeckeria mutillaria (Coleoptera)*Sizeonotus luteiceps* (Hemiptera)

MANGIFERA:

Anastrepha ludens (Diptera)*Anastrepha mombinpraepitans* (Diptera)*Asterolecanium pustulans* (Homoptera)*Aulacaspis tubercularis* (Homoptera)*Ceratitis capitata* (Diptera)*Cryptorhynchus mangiferae* (Coleoptera)*Dacus dorsalis* (Diptera)*Leucaspis indica* (Homoptera)*Parlatoria morrisoni* (Homoptera)*Pseudischnaspis longissima* (Homoptera)*Pseudococcus filamentosus* (Homoptera)*Tetraleurodes acaciae* (Homoptera)

MILTONIA:

Iridomyrmex iniquus (Hymenoptera)

MONANTHES:

Lepidosaphes tuberculata (Homoptera)

MONSTERA:

Pinnaspis buri (Homoptera)

MUSA PARADISIACA SAPIENTUM:

Aspidiotus destructor (Homoptera)*Aspidiotus palmarum* (Homoptera)*Cosmopolites sordidus* (Coleoptera)*Dacus dorsalis* (Diptera)*Metamasius habetatus* (Coleoptera)*Metamasius sericeus* (Coleoptera)

MYRTILLOCACTUS:

Lepidosaphes philococcus (Homoptera)

NARCISSUS:

Lampetia equestris (Diptera)

NERIUM:

Asterolecanium pustulans (Homoptera)

ODONTOGLOSSUM:

Iridomyrmex iniquus (Hymenoptera)*Puto ulter* (Homoptera)

ODONTONIA:

Brevipalpus australis (Arachnida)

OLEA:

Dacus oleae (Diptera)*Diaphania unionalis* (?) (Lepidoptera)*Iridomyrmex humilis* (Hymenoptera)*Parlatoria oleae* (Homoptera)*Phloeotribus scarabaeoides* (Coleoptera)*Prays oleellus* (Lepidoptera)

ONCIDIUM:

Chrysomphalus umboniferus (Homoptera)*Furcaspis biformis* (Homoptera)*Iridomyrmex iniquus* (Hymenoptera)*Vinsonia stellifera* (Homoptera)

OPUNTIA:

Ceratitis capitata (Diptera)

ORCHID:

Adoretus sinicus (Coleoptera)*Aeolus vermiculatus* (Coleoptera)*Aspidiotus destructor* (Homoptera)*Asterolecanium epidendri* (Homoptera)

Hosts and Insects—Continued

- RCHID**—Continued
Aufeius impressicollis (Hemiptera)
Capaneus tetricus (Hemiptera)
Chrysomphalus umboniferus (Homoptera)
Craphius scabrosus (Hemiptera)
Deloyala guttata (Coleoptera)
Diorymerellus laevi-margo (Coleoptera)
Epilachna varivestis (Coleoptera)
Eustrophius marginatus (Coleoptera)
Ferrisia virgata (Homoptera)
Furcaspis biforis (Homoptera)
Galgupha texana (Hemiptera)
Heilipus caecus (Coleoptera)
Iridomyrmex humilis (Hymenoptera)
Iridomyrmex iniquus (Hymenoptera)
Isorhinus undatus (Coleoptera)
Leucaspis cockerelli (Homoptera)
Monomorium destructor (Hymenoptera)
Myodocha longicollis (Hemiptera)
Pachygrontha oedanealodes (Hemiptera)
Parallelodiplosis cattleyae (?) (Diptera)
Pheidole megacephala (Hymenoptera)
Plagioidera thymaloidea (Coleoptera)
Pseudischnaspis alienus (Homoptera)
Puto ulter (Homoptera)
Teleonomia cylindricornis (Hemiptera)
Tenthorax angustimarginatus (Hemiptera)
Tenthorax bicolor (Hemiptera)
Tenthorax confusus (Hemiptera)
Tenthorax orchidearum (Hemiptera)
Valtissius diversus (Hemiptera)
Vinsonia stellifera (Homoptera)
Xestolabus laevis (Coleoptera)
- RNITHOGALUM**:
Frankliniella schultzei (Thysanoptera)
Haplothrips wouramboulchii (Thysanoptera)
- ORYZA**:
Chilo simplex (Lepidoptera)
Scotinophara lurida (Hemiptera)
- PACHYCEREUS**:
Lepidosaphes philococcus (Homoptera)
- PANDANUS**:
Pseudococcus pandanicola (Homoptera)
- PERISTERIA**:
Ferrisia virgata (Homoptera)
- PERSEA**:
Anastrepha ludens (?) (Diptera)
Aspidiotus destructor (Homoptera)
Chrysomphalus personatus (Homoptera)
Conotrachelus aguacatae (Coleoptera)
Conotrachelus perseae (Coleoptera)
Stenomoma catenifer (Lepidoptera)
- PETROSELINUM**:
Mamestra brassicae (Lepidoptera)
- PHALAEENOPSIS**:
Chrysomphalus tingi (Homoptera)
- PHASEOLUS**:
Dacus cucurbitae (Diptera)
Epinotia opposita (Lepidoptera)
Lampides boeticus (Lepidoptera)
Laspeyresia leguminis (Lepidoptera)
Maruca testulalis (Lepidoptera)
Pyrausta nubilalis (Lepidoptera)
- PHILODENDRON**:
Capaneus tetricus (Hemiptera)
Diabrotica lepida (Coleoptera)
Exptochioma albomaculata (Hemiptera)
Ferrisia virgata (Homoptera)
Ligyrocoris abdominalis (Hemiptera)
- PHOENIX**:
Coccotrypes dactyliperda (Coleoptera)
- PHYSALIS**:
Gnorimoschema lavernella (Lepidoptera)
Rhagoletis striatella (Diptera)
Trichobaris championi (Coleoptera)
- PIA RANTHUS**:
Asterolecanium stentae (Homoptera)
- PICEA**:
Laspeyresia strobilella (Lepidoptera)
Lepidosaphes pallida (Homoptera)
Pityogenes chalcographus (Coleoptera)
- PILOCEREUS**:
Lepidosaphes philococcus (Homoptera)
- PINUS**:
Aspidiotus corticis-pini (Homoptera)
Ceroplastes rubens (Homoptera)
Eulachnus pinifor-mosanus (Homoptera)
Fiorinia japonica (Homoptera)
Pityogenes chalcographus (Coleoptera)
"Poliaspis" pini (Homoptera)
Pseudococcus pini (Homoptera)
Tetropium castaneum (Coleoptera)
- PISTACIA**:
Chaetoptelius vestitus (Coleoptera)
- PISUM**:
Bruchus tristis (Coleoptera)
Laspeyresia nigricana (Lepidoptera)
- PITHECELLOBIUM**:
Cryptophlebia illepidia (Lepidoptera)
Dacus dorsalis (?) (Diptera)
- PLUMERIA**:
Asterolecanium pustulans (Homoptera)
Coccus viridis (Homoptera)
- PORTULACA**:
Loxostege similatis (Lepidoptera)
- PROSOPIS**:
"Targionia" cueroensis (Homoptera)
- PROTEA**:
Haplothrips wouramboulchii (Thysanoptera)
Iridomyrmex humilis (Hymenoptera)
Pseudothrips glaucus (?) (Thysanoptera)
- PROTEACEAE**:
Iridomyrmex humilis (Hymenoptera)
- PRUNUS ARMENIACA**:
Ceratitis capitata (Diptera)
- PRUNUS DOMESTICA**:
Megalometis chiliensis (Coleoptera)
- PRUNUS MUME**:
Malacosoma neustria (?) (Lepidoptera)
- PRUNUS PERSICA**:
Ceratitis capitata (Diptera)
Grapholitha molesta (Lepidoptera)
Megalometis chiliensis (Coleoptera)
- PRUNUS PERSICA NECTARINA**:
Aspidiotus latatei (Homoptera)
- PRUNUS SP.** (cherry):
Rhagoletis cerasi (Diptera)
- PRUNUS SP.**:
Lepidosaphes conchiformis (Homoptera)
- PSIDIUM**:
Aleuroglandulus emmae (Homoptera)
Anastrepha striata (Diptera)
Anastrepha suspensa (Diptera)
Ancylostoma stercora (Lepidoptera)
Ceratitis capitata (Diptera)
Paraleyrodes goyabae (?) (Homoptera)
- PUNICA**:
Cacoecia pronubana (Lepidoptera)
Ceratitis capitata (Diptera)
Cryptoblabes gnidiella (Lepidoptera)
Glycyphagus domesticus (Arachnida)
- PYRUS**:
Anastrepha ludens (Diptera)
Aonidiella citrina (Homoptera)
Ceratitis capitata (Diptera)
Parlatoria chinensis (Homoptera)
Rhagoletis pomonella (Diptera)
- QUERCUS**:
Hemimene juliana (Lepidoptera)
- RANDIA**:
Ferrisia virgata (Homoptera)
- RAPHANUS**:
Psylliodes chrysocephala (Coleoptera)
- RHODOENDRON**:
Acalla schalleriana (Lepidoptera)
Gracilaria azaleella (Lepidoptera)
Pulvinaria psidii (Homoptera)
Stephanitis pyrioides (Hemiptera)
- ROSA**:
Allantus cinctus (Hymenoptera)
Frankliniella intonsa (Thysanoptera)
Monomorium destructor (Hymenoptera)
Taeniothrips atratus (Thysanoptera)
- RUBUS**:
Lasioporus rubi (?) (Diptera)

Hosts and Insects—Continued

SACCHARUM:

- "Targionia" sacchari (Homoptera)
- Trionymus sacchari (Homoptera)

SCHIMA:

- Aspidiotus degeneratus (Homoptera)
- Ceroplastes rubens (Homoptera)

SCINDAPSUS:

- Pinnaspis buxi (Homoptera)

SECIUM:

- Platynota rostrana (Lepidoptera)

SELAGINELLA:

- Epilachna varivestis (Coleoptera)

SEBANIA:

- Acanthoscelides griseolus (Coleoptera)

SOIL:

- Brachyrhinus rugosostriatus (Coleoptera)
- Iridomyrmex humilis (Hymenoptera)
- Strophosoma melanogrammum (Coleoptera)

SOLANUM:

- Leucinodes orbonalis (Lepidoptera)
- Neoleucinodes elegantalis (Lepidoptera)
- Pyrausta nubilalis (Lepidoptera)

SORGHUM:

- Pyrausta nubilalis (Lepidoptera)
- Sesamia cretica (Lepidoptera)
- Sesamia nonagrioides (Lepidoptera)

SPONDIAS:

- Anastrepha mombinpraecoptans (Diptera)

STRELITZIA:

- Phenacaspis sandwicensis (Homoptera)
- Pinnaspis buxi (Homoptera)

SWIETENIA:

- Aspidiotus destructor (Homoptera)
- Nasutitermes corniger (Isoptera)

SYRINGA:

- Adoxophyes orana (Lepidoptera)
- Gymnaetron beccabungae var. nigrum (Coleoptera)
- Sitona lineata (Coleoptera)

TILLANDSIA:

- Euptochiomeria formosa (Hemiptera)
- Galgapha texana (Hemiptera)
- Isorhinus depressus (Coleoptera)

TILLANDSIA—Continued

- Isorhinus undatus (Coleoptera)
- Monanthia monotropidia (Hemiptera)
- Mormidea cubrosa (Hemiptera)
- Plagioderia thymaloidea (Coleoptera)

TRIPLOCHITON:

- Xyloerthodes nitidipennis (Coleoptera)

TULIPA:

- Anuraphis tulipae (Homoptera)

VANDA:

- Furcaspis bififormis (Homoptera)
- Parlatoria pseudaspidiatus (Homoptera)
- Pinnaspis scrobicularum (Homoptera)

VICIA:

- Bruchus dentipes (Coleoptera)
- Bruchus luteicornis (Coleoptera)
- Bruchus tristis (Coleoptera)

VITIS:

- Brachyrhinus sulcatus (Coleoptera)
- Ceratitis capitata (Diptera)
- Clysia ambiguella (?) (Lepidoptera)
- Iridomyrmex humilis (Hymenoptera)
- Leptoglossus chilensis (Hemiptera)
- Phylloxera callosus (Coleoptera)
- Polychrosis bostrana (Lepidoptera)

VRIESIA:

- Aspidiotus palmarum (Homoptera)

WISTERIA:

- Phenacaspis fujicola (Homoptera)

YUCCA:

- Pheidole megacephala (Hymenoptera)

ZANTEDESCHIA:

- Deroceras reticulatum (Mollusca)

ZEA:

- Agrioceros fiorii (Coleoptera)
- Sesamia cretica (Lepidoptera)

ZINGIBER:

- Monomorium destructor (Hymenoptera)
- Palaeopus costicollis (Coleoptera)

ZINNIA:

- Phila febrilis (Diptera)

Hosts Unknown

AIRPLANE:

- Chelymorpha alternans (?) (Coleoptera)
- Cyclocephala lunulata (Coleoptera)
- Dacus dorsalis (Diptera)
- Delphacodes dissipata (Homoptera)
- Oryctoloma jucunda (Coleoptera)
- Perkinsiella vitiensis (Homoptera)
- Prodenia litura (Lepidoptera)
- Protactia orientalis (Coleoptera)
- Tetaneus spatulatus (Homoptera)
- Xylotrupes gideon (Coleoptera)

BAGGAGE:

- Melolontha melolontha (Coleoptera)
- Spodoptera buprestoides (Coleoptera)

BARK:

- Pityogenes chalcographus (Coleoptera)
- Pityophthorus sambuci (Coleoptera)

BOXCAR:

- Pectinophora gossypiella (Lepidoptera)

BULB:

- Iridomyrmex humilis (Hymenoptera)

CORK BALE SLAT:

- Sinoxylon sexdentatum (Coleoptera)

FERN:

- Monomorium destructor (Hymenoptera)

FLOWERS:

- Frankliniella bispinosa (Thysanoptera)
- Hymenia perspectalis (Lepidoptera)
- Iridomyrmex humilis (Hymenoptera)
- Loxostege similis (Lepidoptera)
- Mormidea cubrosa (Hemiptera)
- Tephritis arnicae (Diptera)

FOREST LITTER:

- Strophosoma capitatus (Coleoptera)

FRUIT:

- Anastrepha mombinpraecoptans (Diptera)
- Ceratitis capitata (Diptera)

GRASS:

- Antonina graminis (Homoptera)
- Hypolithus riparius (Coleoptera)
- Odonaspis saccharicaulis (Homoptera)
- "Targionia" sacchari (Homoptera)

GROUND CREEPER:

- Pseudonidia trilobitiformis (Homoptera)

IN BOX WITH VANDA LEI:

- Bradybaena similis (Mollusca)

LEAF:

- Coccus viridis (Homoptera)
- Conchaspis angraei (Homoptera)
- Pinnaspis buxi (Homoptera)
- Tetraleurodes acaciae (Homoptera)
- Tetraleurodes abutilonea (?) (Homoptera)

LEGUME LEAF:

- Tetraleurodes acaciae (Homoptera)

PACKING:

- Acalypta parvula (Hemiptera)
- Dyscinetus frater (Coleoptera)
- Iridomyrmex iniquus (Hymenoptera)
- Scaptomyza insularis (Coleoptera)

PLANT:

- Aspidiotus destructor (Homoptera)
- Asterolecanium agavis (Homoptera)
- Ferrisia virgata (Homoptera)
- Icerya aegyptiaca (Homoptera)
- Parlatoria pseudaspidiatus (Homoptera)
- Pulvinaria psidii (Homoptera)

RETURNED MILITARY EQUIPMENT:

- Achatina fulica (Mollusca)

"SAWALI" MATS:

- Dinoderus brevis (Coleoptera)

SCRAP METAL:

- Achatina fulica (Mollusca)

SEA SHELL:

- Lardoglyphus zacheri (Arachnida)

*Hosts Unknown—Continued***STRAW JACKET:***Iridomyrmex humilis* (Hymenoptera)**TREE SEED:***Mimosastes sallaei* (Coleoptera)**TRUCK BED:***Anastrepha ludens* (Diptera)*Pectinophora gossypiella* (Lepidoptera)*Toxotrypana curvicauda* (Diptera)**VINE:***Brachyplatys deplanatus* (Hemiptera)*Ferrisia virgata* (Homoptera)**WOOD:***Callidium rufipenne* (Coleoptera)*Heterobostrychus aequalis* (Coleoptera)*Lyctus spinifrons* (Coleoptera)*Minthea rugicollis* (Coleoptera)*Sinorylon anale* (Coleoptera)*Sinorylon conigerum* (Coleoptera)*Sinorylon crassum* (Coleoptera)**WOOLEN GOODS:***Sirex noctilio* (Hymenoptera)*Countries of Origin and Insects***AFRICA:***Ceratitis capitata***ALGERIA:***Ceratitis capitata**Gortyna flavago**Lepidosaphes ficus**Parlatoria zizyphus**Sinorylon sexdentatum***ARGENTINA:***Parlatoria cinerea***ARNO ATOLL ISLAND:***Pseudococcus pandanicola***AUSTRALIA:***Agrotis ypsilon**Chrysomphalus rossi**Lepidosaphes tuberculata***AZORES:***Ceratitis capitata**Dacus oleae**Deroceras reticulatum**Iridomyrmex humilis**Rhagoletis cerasi***BAHAMAS:***Anastrepha mombinpraeoptans**Aspidiotus destructor**Pectinophora gossypiella***BARBADOS:***Aulacaspis tubercularis**Furcaspis bifor mis**Protopulvinaria pyrifor mis**"Targionia" hartii***BELGIUM:***Acalia schalleriana**Allantus cinctus**Brachyrhinus sulcatus***BERMUDA:***Cryptoblabes gnidiella**Frankliniella bispinosa**Haplothrips gowdeyi**Pheidole megacephala**Prodenia ornithogalli**Pulvinaria psidii**Taeniothrips gracilis***BOLIVIA:***Parlatoria cinerea***BRAZIL:***Anuraphis tulipae**Aspidiotus palmae**Aulacaspis tubercularis**Chrysomphalus personatus**Chrysomphalus scutiformis**Coccus viridis**Cylas formicarius* var. *elegantulus**Euscapes postfasciatus**Neoleucinodes elegantalis**Parlatoria cinerea**Pectinophora gossypiella**Pheidole megacephala**Stephanoderes hampei**Tenthetoris orchidearum**Unaspis citri***BRITISH HONDURAS:***Stenoma catenifer***BRITISH WEST AFRICA:***Cylas puncticollis***BRITISH WEST INDIES:***Iridomyrmex iniquus***CANADA:***Brachyrhinus rugosostriatus**Monomorium destructor***CANAL ZONE:***Aspidiotus destructor**Asterolecanium epidendri**Chrysomphalus umboniferus**Conchaspis angraci**Ferrisia virgata**Furcaspis bifor mis**Leucaspis cockerelli**Parlatoria pseudaspidiotus**Pinna sp. buxi**Unaspis citri**Vinsonia stellifera***CANARY ISLANDS:***Lepidosaphes tuberculata***CENTRAL AMERICA:***Anastrepha ludens***CEYLON:***Parlatoria pseudaspidiotus***CHILE:***Aspidiotus latasei**Bryobia praetiosa**Iridomyrmex humilis**Leptoglossus chilensis**Menolometis chilensis***CHINA:***Chilo simplex**Cylas formicarius* var.*Unaspis citri***COLOMBIA:***Anastrepha mombinpraeoptans**Anastrepha serpentina**Pseudoaonidia trilobitiformis**Pseudococcus filamentosus**Stenoma catenifer***COSTA RICA:***Anastrepha mombinpraeoptans**Asterolecanium epidendri**Cyclocephala lunulata**Cylas formicarius* var. *elegantulus**Eucactophagus aurocinctus**Furcaspis bifor mis**Leucaspis cockerelli**Parallelodiplosis cattleae* (?)*Pinna sp. buxi**Platynota rostrana**Protopulvinaria longivalvata**Protopulvinaria pyrifor mis**Vinsonia stellifera***CUBA:***Alerocanthus woglumi**Anastrepha suspensa**Aspidiotus destructor**Aspidiotus herculeanus**Aspidiotus palmae**Asterolecanium tambusae**Asterolecanium epidendri**Asterolecanium pustulans**Coccus viridis**Cyclocephala cubana**Cylas formicarius* var. *elegantulus**Euscapes postfasciatus**Faustinus cubae**Ferrisia virgata**Leucaspis cockerelli**Pheidole megacephala**Pinna sp. buxi**Platynota rostrana**Ribua innoxia**Targionia sacchari**Tetraleurodes acaciae*

Countries of Origin and Insects—Continued

CUBA—Continued

Trionymus sacchari
Vinsonia stellifera

CURACAO:

Cylas formicarius var. *elegantulus*

CZECHOSLOVAKIA:

Taeniothrips atratus

DENMARK:

Mamestra brassicae
Pieris brassicae
Sitona lineata

DOMINICA:

Leucaspis cockerelli
Pheidole megacephala

DOMINICAN REPUBLIC:

Aspidiotus destructor
Dialeurodes citrifolii
Mimosetes sallaei
"Targionia" *hartii*

ECUADOR:

Anastrepha serpentina
Metamasius habetatus
Metamasius sericeus
Stenoma catenifer

EGYPT:

Ceratitis capitata
Pyrausta nubilalis

ENGLAND:

Eriophyes canestrinii
Gracilaria azalella
Heterogaster urticae
Lasiopoda rubi (?)
Laspeyresia nigricana
Lecanium coryli
Leperisimus fraxini
Lichtensia viburni
Mamestra brassicae
Sitona lineata
Taeniothrips ericae

FIJI ISLANDS:

Perkinsiella vitiensis

FORMOSA:

Achatina fulica
Chilo simplex
Parlatoria cinerea
Pyrausta nubilalis

FRANCE:

Brevipalpus australis
Bruchus luteicornis
Ceratitis capitata
Clysia ambiguella (?)
Evergestis forficatus
Gortyna flavago
Gortyna ochracea
Gracilaria azalella
Mamestra brassicae
Parlatoria zizyphi
Pieris brassicae
Rhagoletis cerasi
Taeniothrips atratus

GERMANY:

Aspidiotus palmarum
Frankliniella intonsa
Laspeyresia strobilella
Melolontha melolontha
Philia febrilis
Strophosoma capitatus
Strophosoma melanogrammum
Taeniothrips atratus
Taeniothrips vulgarissimus
Tetropium castaneum

GOLD COAST:

Amitermes unidentatus
Argyroploce leucotreta
Cordylomera spinicornis
Cylas puncticollis
Pheidole megacephala
Xyloerthodes nitidipennis
Xyloperthella crinitarsis

GREECE:

Acanthoscelides spinipes
Aonidiella citrina
Ceratitis capitata
Dacus oleae
Hemimene juliana
Parlatoria oleae

GREECE—Continued

Pectinophora gossypiella
Sesamia cretica

GUAM:

Achatina fulica
Lepidosaphes tokionis
Monomorium destructor

GUATEMALA:

Anastrepha ludens
Anastrepha mombrinpraeoptans
Dyscinetus frater
Iridomyrmex iniquus
Metamasius sericeus
Puto ulter
Stenoma catenifer
Talponia batesi
Tenthecoris bicolor

HAITI:

Unaspis citri
Vinsonia stellifera

HAWAII:

Adoretus sinicus
Bradybaena similis
Ceratitis capitata
Ceroptastes rubens
Coccus acutissimus
Coccus viridis
Cryptophlebia illepidia
Cryptorhynchus mangiferae
Dacus cucurbitae
Dacus dorsalis
Ereunetis flavistriata
Furcaspis bifurmis
Lampides boeticus
Lepidosaphes tokionis
Maruca testulalis
Opogona aurisquamosa
Pealius hibisci
Pectinophora gossypiella
Phenacaspis sandwicensis
Pinnaspis buxi
Pseudococcus palmarum
Pulvinaria psidii
Taeniothrips hawaiiensis
Trionymus sacchari

HONDURAS:

Anastrepha mombrinpraeoptans
Nasutitermes corniger
Stenoma catenifer

HUNGARY:

Pyrausta nubilalis

INDIA:

Caryedon fuscus
Coccus capparidis
Cryptorhynchus mangiferae
Cylas formicarius
Cylas formicarius var.
Dimoderus brevis
Frankliniella schultzei
Haplothrips gowdeyi
Heterobostrychus aequalis
Lyctus spinifrons
Microcephalothrips abdominalis
Mintea rugicollis
Parlatoria morrisoni
Pectinophora gossypiella
Sinozylon anale
Sinozylon conigerum
Sinozylon crassum

INDONESIA:

Cylas formicarius
Leucinodes orbonalis
Parlatoria pseudaspidiotus

IRELAND:

Evergestis forficatus
Frankliniella intonsa
Gelechia ericeella
Mamestra brassicae
Micrelus ericae
Pieris brassicae (?)
Taeniothrips atratus
Taeniothrips ericae

ISRAEL:

Ceratitis capitata
Parlatoria oleae
Prodenia litura

Countries of Origin and Insects—Continued

ITALY:

Anuraphis tulipae
Brachycerus albidentatus
Brachycerus algeris
Bruchus lentis
Bruchus luteicornis
Bruchus signaticornis
Bruchus tristis
Cacoecia pronubana
Ceratitis capitata
Ceroplastes ruscii
Coccus viridis
Cryptoblabes gnidiella
Curculio elephas
Dacus oleae
Diaphania unionalis (?)
Dyspessa ulula
Glycyphagus domesticus
Hemimene juliana
Hypoborus ficus
Iridomyrmex humilis
Lampetia equestris
Laspeyresia nigricana
Laspeyresia splendana
Lepidosaphes ficus
Mamestra brassicae
Parlatoria oleae
Parlatoria zizyphus
Phloeotribus scarabaeoides
Polychrosis botrana
Prays oleellus
Psylliodes chrysocephala
Pyrausta nubilalis
Rhagoletis cerasi
Sesamia cretica
Trialeurodes lauri

JAMAICA:

Aganaclesis indecora
Aleurocanthus woglumi
Anastrepha mombinpraeoptans
Asterolecanium epidendri
Asterolecanium pustulans
Coccus viridis
Cylas formicarius var. *elegantulus*
Haplothrips gowdeyi
Leucaspis cockerelli
Leucaspis indica
Monomorium destructor
Palaeopus costicollis
Pectinophora gossypiella
Vinsonia stellifera

JAPAN:

Aspidiotus corticis-pini
Aspidiotus cryptoxanthus
Aspidiotus degeneratus
Aspidiotus destructor
Callidium rufipenne
Ceroplastes rubens
Chilo simplex
Dialeurodes citri
Eulachnus piniformosanus (?)
Fiorinia japonica
Frankliniella formosae
Laspeyresia splendana
Lepidosaphes conchiformis
Lepidosaphes pallida
Malacosoma neustria (?)
Maruca testulalis
Oryzctenia jucunda
Parlatoria camelliae
Parlatoria chinensis
Parlatoria pyri
Pentamerisimus oregonensis
Phenacaspis fujicola
Pinnaspis uniloba
"Pottaspis" pini
Protactia orientalis
Pseudococcus pini
Pyrausta nubilalis
Scepticus insularis
Scotinophara lurida
Spondylis buprestoides
Stephanitis pyrioides
Taeniothrips hawaiiensis
Unaspis japonensis

JAVA:

Aulacaspis tegalensis

JERUSALEM:

Anuraphis tulipae

KOREA:

Grapholitha molesta

LEBANON:

Eruchus dentipes
Ceratitis capitata
Dacus oleae
Deroceras reticulatum
Lepidosaphes ficus

LIBERIA:

Rostrychopiles cornutus
Minthea obsita
Xyloperthella crinitarsis

LIBYA:

Dacus oleae

MADEIRA ISLANDS:

Ceratitis capitata

Iridomyrmex humilis

MARSHALL ISLANDS:

Aonidiella inornata

MEXICO:

Acalymma trivittata
Acanthoscelides griseolus
Aeolus vermiculatus
Agallia lingula
Aleurocanthus woglumi
Aleuroglandulus emmae
Aleurothrixus floccosus
Amorbia emigratella
Anastrepha ludens
Anastrepha mombinpraeoptans
Anastrepha serpentina
Anastrepha striata
Arvelius albopunctatus
Aspidiotus destructor
Aspidiotus palmarum
Asterolecanium agavis
Asterolecanium bambusae
Asterolecanium pustulans
Aufeius impressicollis
Bemisia tabaci
Capaneus tetricus
*Chrysomphalus albopictus*¹
Chrysomphalus personatus
Chrysomphalus umboniferus
Coccotrypes dactyliperda
Conotrachelus aguacatae
Conotrachelus persae
Cosmopolites sordidus
Crochus scabrosus
Cryphula apicatus
Cylas formicarius var. *elegantulus*
Cyrtopeltis varians
Dactylopius coccus
Deloyala guttata
Delphacodes dissipata
Diabrotica lepidota
Diorymerellus laevimargo
Dysdercus mimulus
Dysdercus obliquus
Epilachna varivestis
Epinotia opposita
Eustrophinus marginatus
Evergestis rimosalis
Explotchiomera albomaculata
Explotchiomera formosa
Ferrisia virgata
Frankliniella fortissima
Galgupha texana
Gerstaeckeria mutillaria
Gnori moschea gudmannella
Gnori moschea lavernella
Heilipus caecus
Hymenia perspectalis
Isorhinus depressus
Isorhinus undatus
Lardoglyphus zacheri
Lema quinquenotata
Lepidosaphes philococcus
Ligyrocoris abdominalis
Ligyrocoris aurivilliana
Ligyrocoris nitidicollis

Countries of Origin and Insects—Continued

MEXICO—Continued

Lineodes integra
Loxostege similalis
Microvelia oaxacana
Monanthia monotropidia
Mormidea cubrosa
Myodocha longicollis
Neoleucinodes elegantalis
Pachygrontha oedancalodes
Pachyzancla bipunctalis
Paraleyrodes goyabae (?)
Parlatoria cinerea
Pectinophora gossypiella
Pityophthorus sambuci
Plagiodera thymaloidea
Platynota rostrana
Prostephanus truncatus
Pseudischinaspis alienus
Pseudodiaspis yuccae
Rhagoletis completa
Rhagoletis juglandis
Rhagoletis pomonella
Rhagoletis striatella
Scyphophorus acupunctatus
Sisamnes contractus
Sizeonotus luteiceps
Stenoma catenifer
Talponia batesi
 "Targionia" bromiliae
 "Targionia" cueroensis
 "Targionia" hartii
Teleonemia cylindricornis
Tenthecoris angustimarginatus
Tenthecoris bicolor
Tenthecoris confusus
Tetraleurodes acaciae
Tetrananus spatulatus
Tortrypana curvicauda
Trialeurodes abutilonea (?)
Trialeurodes varia
Trichobaris championi
Trionymus sacchari
Unaspis citri
Valtissius diversus
Xestolabus laeviscollis

MONTSERRAT:

Vinsonia stellifera

MOROCCO:

Ceratitis capitata
Sesamia cretica
Sesamia nonagrioides

NETHERLANDS:

Adoxophyes orana
Allantus cinctus
Anuraphis tulipae
Bruchus luteicornis
Deroceras reticulatum
Eriophyes canestrinii
Gracilaria azaleella
Gymnaetron beccabungae var. *nigrum*
Laetitia equestris
Lecanium coryli
Phytoptus avellanae
Sitona lineata

NETHERLANDS GUIANA:

Euscapes postfasciatus
Furcaspis biformis
Maruca testulalis

NEW ZEALAND:

Ceroplastes sinensis
Deroceras reticulatum
Lampetia equestris

NICARAGUA:

Anastrepha mombinpraeoptans
Anastrepha serpentina
Aspidiotus palmarum
Leucaspis cockerelli
Pseudischinaspis alienus
Stenoma catenifer

NORWAY:

Argyresthia conjugella

PAKISTAN:

Oryctes lactus

PALESTINE:

Dacus oleae

PALMYRA ISLAND:

Ferrisia virgata

PANAMA:

Aleurocanthus woglumi
Anastrepha mombinpraeoptans
Aspidiotus destructor
Aspidiotus palmarum
Asterolecanium epidendri
Chrysomphalus umboniferus
Coccus viridis
Furcaspis biformis
Lepidosaphes tokionis
Leucaspis cockerelli
Metamastus sericeus
Protopulvinaria longivalva
Protopulvinaria pyriformis
Pseudischinaspis alienus
Pseudischinaspis longissima
Pyrausta nubilalis
Stenoma catenifer
Vinsonia stellifera

PERU:

Conchaspis angraeci
Laspeyresia leguminis
Pagiocerus fiorii
Stenoma catenifer

PHILIPPINES:

Achatina fulica
Aleutotuberculatus jasmini
Antonina graminis
Aonidiella citrina
Aonidiella inornata
Brachyplatys deplanatus
Chrysomphalus tingi
Dialeurodes kirkaldyi
Dinoderus brevis
Ferrisia virgata
Lepidosaphes tuberculata
Odonaspis saccharicaulis
Parlatoria pseudaspidiotus
Parlatoria zizyphus
Pinnaspis scrobicularum
Pseudonidia curculiginis
Pseudococcus lilacinus
Sinoxylon anale
 "Targionia" hartii
Unaspis yanonensis
Xylotrupes gideon

PORTUGAL:

Ceratitis capitata
Curculio elephas
Iridomyza mexicanilis
Laspeyresia splendana
Parlatoria oleae
Rhagoletis cerasi
Sitona lineata

PUERTO RICO:

Anastrepha mombinpraeoptans
Anastrepha suspensa
Ancylostoma stercorae
Coccus viridis
Cylas formicarius var. *elegantulus*
 "Targionia" sacchari
Vinsonia stellifera

SAIPAN:

"Targionia" sacchari

SALVADOR:

Anastrepha mombinpraeoptans
Aulacaspis tubercularis
Leucaspis cockerelli
Pseudischinaspis alienus
Stenoma anonella

SCOTLAND:

Aphis callunae
Gelechia ericetella
Hypolithus riparius
Orthotylus ericetorum
Taeniothrips atratus
Taeniothrips ericae

SIERRA LEONE:

Acidodes dentipes

Cylas puncticollis

SOUTH PACIFIC:

Achatina fulica
Aonidiella inornata

Countries of Origin and Insects—Continued

- SPAIN:**
Acalypta parvula
Brachycerus algerus
Ceratitis capitata
Gnoriomoschema ocellatella
Parlatoria zizyphus
- STRAITS SETTLEMENTS:**
Icerya aegyptiaca
- SWEDEN:**
Argyresthia confugella
Frankliniella intonsa
Phytomyza rufipes
Pityogenes chalcographus
Rhagoletis pomonella (?)
Taeniothrips atratus
- SWITZERLAND:**
Rhagoletis cerasi
Sirex noctilio
Tephritis arnicæ
- SYRIA:**
Earias insulana f. *semifascia*
Lepidosaphes ficus
- TAHITI:**
Ferrisia virgata
- THAILAND:**
Aonidiella comperei (?)
Cylas formicarius var.
Parlatoria pseudaspidotus
- TRIESTE:**
Pyrausta nubilalis
- TRINIDAD:**
Anastrepha mombinpraeoptans
Asterolecanium epidendri
Leucaspis cockerelli
Microcephalothrips abdominalis
Parlatoria cinerea
Pectinophora gossypiella
Platynota rostrana
Protopulvinaria longivalvata
Pseudaonidia trilobitiformis
"Targionia" hartii
Toxotrypana curvicauda
Vinsonia stelleri
- TRIPOLI:**
Ceratitis capitata
- TURKEY:**
Chaetoptelius vestitus
Dacus oleæ
- UNION OF SOUTH AFRICA:**
Argyroploce leucotreta
Aspidiotus destructor
Asterolecanium stenotæ
"Chionaspis" leucadendri
Chrysomphalus rossi
Frankliniella schultzei
Haplothrips wouramboulchii
Iridomyrmex humilis
Phlyctinus callosus
Pseudococcus trichiliae
Pseudothrips glaucus (?)
- UNKNOWN:**
Carpocoris pudicus
Ceratitis capitata
Chelymorphe alternans (?)
Frankliniella intonsa
Rhagoletis cerasi
Rhagoletis pomonella
Taeniothrips atratus
Taeniothrips vulgarissimus
- URUGUAY:**
Parlatoria cinerea
- VENEZUELA:**
Mimosstes dominicanus
Eurytoma orchidearum
Euscepes postfasciatus
Furcaspis biformis
Gymnandrosoma aurantianum (?)
Vinsonia stelleri
- VIRGIN ISLANDS:**
Anastrepha mombinpraeoptans
- WAKE ISLAND:**
Prodenia litura
- YAP ISLAND:**
Monoctenium destructor
- YUGOSLAVIA:**
Bruchus tristis
Cacoccia pronubana
Cryptoblabes gnidiella
Laspeyresia splendana

Pests (diseases) collected and reported from July 1, 1951, through June 30, 1952

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Disease and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
<i>Albugo portulacae</i> (DC.) O. Kuntze:					
<i>Portulaca oleracea</i> (purslane).....	Mexico.....	1			Tex.
<i>Albugo tragopogonis</i> F. Gray:					
<i>Cynara scolymus</i> (globe artichoke).....	Sweden.....		1		Mass.
<i>Alternaria citri</i> Ell. & Pierce:					
<i>Citrus limon</i> (lemon).....	Australia.....		2		Calif.*
<i>Citrus reticulata</i> (Mandarin orange).....	Japan.....		1		Calif.*
<i>Citrus sinensis</i> (orange).....	France, Spain, Mexico.....	6			Tex.
<i>Alternaria porri</i> (Ell.) Cif.:					
<i>Urginea</i> sp.....	Ethiopia.....			1	D. C.
<i>Aschersonia basicystis</i> Berk. & Curt.:					
<i>Chamaedorea</i> sp.....	Mexico.....	1			Tex.
Palm.....	do.....	1			Tex.
<i>Ascochyta ledi</i> Rostr.:					
<i>Zenobia pulverulenta</i> (dusty zenobia).....	Netherlands.....			1	N. J.
<i>Ascochyta sorghina</i> Sacc.:					
<i>Sorghum halepense</i> (Johnson grass).....	Mexico.....	1			Tex.
<i>Asperisporium caricae</i> (Speg.) Maub.:					
<i>Carica papaya</i> (papaya).....	Cuba.....		1		Pa.
<i>Botryosphaeria agaves</i> (P. Henn.) Butl.:					
<i>Agave</i> sp.....	Mexico.....			1	Ariz.
<i>Botryosphaeria berengeriana</i> DeN. f. <i>araucariae</i> Sacc.:					
<i>Araucaria araucana</i> (monkeypuzzle).....	France, Netherlands.....			3	N. J.
<i>Botryosphaeria ribis</i> Gross. & Dugg.:					
<i>Araucaria cunninghami</i>	Australia.....			1	Calif.*
<i>Macrozamia spiralis</i> (spiral macrozamia).....	do.....			1	Calif.*
<i>Malus sylvestris</i> var.....	China.....			1	Calif.*
<i>Persea americana</i> (avocado).....	Hawaii, Mexico.....	2	1		Calif.*, Tex.
<i>Botrytis elliptica</i> (Berk.) Cke.:					
<i>Lilium speciosum rubrum</i> (pink speciosum lily).....	Japan.....			2	Calif.*
<i>Botrytis gladiolorum</i> Timmermans:					
<i>Gladiolus</i> sp.....	Canada, Japan, Netherlands.....			11	Calif.*, N. Y.
<i>Catacauma palmicola</i> F. L. Stevens:					
<i>Thrinax parviflora</i> (Jamaica thatch palm).....	Canal Zone.....			1	Wash.
<i>Ceratostomella ips</i> Rumbold (?):					
<i>Pinus</i> sp. (pine).....	England.....			1	N. J.
<i>Cercospora anethi</i> Sacc.:					
<i>Anethum graveolens</i> (dill).....	Denmark.....		1		Md.
<i>Cercospora anthelmintica</i> Atk.:					
<i>Chenopodium ambrosioides</i> (wormseed goosefoot).....	Mexico.....		1		Tex.
<i>Cercospora arachidicola</i> Hori:					
<i>Arachis</i> sp.....	do.....	1			Tex.
<i>Cercospora aricola</i> Sacc.:					
<i>Philodendron</i> sp.....	do.....			1	Tex.
<i>Cercospora beticola</i> Sacc.:					
<i>Beta vulgaris cicla</i> (Swiss chard).....	Italy.....		1		Pa.
<i>Cercospora coffeicola</i> Berk. & Cke.:					
<i>Coffea</i> sp. (coffee).....	Brazil, Mexico.....	1		1	N. Y., Tex.
<i>Cercospora cordiae</i> Chupp:					
<i>Cordia</i> sp.....	Mexico.....		1		Tex.
<i>Cercospora cryptomeriae</i> Shirai:					
<i>Cryptomeria japonica</i> (cryptomeria).....	Japan.....			1	Hawaii.
<i>Cercospora handelii</i> Bub.:					
<i>Rhododendron catawbiense</i>	Netherlands.....			1	N. J.
<i>Rhododendron impeditum</i>	do.....			1	N. J.
<i>Rhododendron</i> sp.....	do.....			1	N. J.
<i>Cercospora lythracearum</i> Heald & Wolf:					
<i>Punica granatum</i> (pomegranate).....	Puerto Rico.....	1			N. Y.
<i>Cercospora musae</i> Zimm.:					
<i>Musa paradisica</i> (plantain).....	British Guiana.....		1		Tex.
<i>Musa paradisica sapientum</i> (banana).....	Costa Rica, Mexico.....	6	1		Calif.*, Tex.
<i>Cercospora piperis</i> Pat.:					
<i>Piper</i> sp.....	Mexico.....		1		Tex.
<i>Cercospora protearum</i> Cke.:					
<i>Leucadendron argenteum</i> (silver leucadendron).....	Union of South Africa.....	1			N. Y.
<i>Cercospora purpurea</i> Cke.:					
<i>Persea americana</i> (avocado).....	Mexico.....	8			Tex.
<i>Cercospora mori</i> Pk.:					
<i>Morus</i> sp. (mulberry).....	do.....	1			Tex.

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<i>Erebella andropogonis</i> Ces.:					
<i>Bothriochloa insculpta</i>	Kenya.....			1	D. C.
<i>Paspalum dilatatum</i> (Dallas grass).....	New Zealand.....			1	D. C.
<i>Erebella paspali</i> Cke. & Mass.:					
<i>Paspalum dilatatum</i>	Australia.....			1	Hawaii
<i>Euthospora lunata</i> Shear:					
<i>Leucothoe catesbaei</i>	Netherlands.....			2	N. J.
<i>Rhododendron</i> sp.....	do.....			1	N. J.
<i>Chrysanthemum virus Q</i> ':					
<i>Chrysanthemum</i> sp.....	Denmark.....			1	N. J.
<i>Trysomyza rhododendri</i> (DC.) D. By.:					
<i>Rhododendron azaleodendron</i> (azaleodendron).....	England.....			1	N. J.
<i>Rhododendron ferrugineum</i> (rock rhododendron).....	Hungary, Switzerland.....	3		3	Mass., N. Y.
<i>Rhododendron hirsutum</i>	England, Germany.....	1		1	N. J., N. Y.
<i>Rhododendron</i> sp.....	Switzerland.....	3		1	N. J.
<i>Lariceps paspali</i> F. L. Stevens & J. O. Hall:					
<i>Paspalum dilatatum</i> (Dallas grass).....	Argentina.....			2	D. C.
<i>Lariceps purpurea</i> (Fr.) Tul.:					
<i>Festuca elatior</i> var.....	Israel.....			1	D. C.
<i>Colosporium senecionis</i> (Pers.) Fr.:					
<i>Senecio cineraria</i> (silver cineraria).....	Argentina.....			1	N. Y.
<i>Colletotrichum agaves</i> Cav.:					
<i>Agave vestita</i>	Mexico.....			1	Calif.
<i>Agave</i> sp.....	Italy, Mexico.....	1		3	Ariz., N. J., Tex.
<i>Colletotrichum graminicolum</i> (Ces.) G. W. Wils.:					
<i>Indocalamus</i> sp. (bamboo).....	China.....			1	D. C.
<i>Colletotrichum heucherae</i> Ell. & Gall.:					
<i>Heuchera titania</i>	England.....			1	N. J.
<i>Colletotrichum liliacearum</i> (Schw.) Ferr.:					
<i>Iris germanica</i> (German iris).....	Australia, New Zealand.....			6	Calif.*
<i>Iris</i> sp.....	England.....			1	Calif.*
<i>Lilium auratum</i> (goldband lily).....	Japan.....			11	Calif.,* , Oreg., Wash.
<i>Lilium giganteum</i> (giant lily).....	do.....			4	Calif.*
<i>Lilium hansonii</i> (hanson lily).....	do.....			1	Calif.*
<i>Lilium henryi</i> (henry lily).....	do.....			1	Calif.*
<i>Lilium japonicum</i> (Japanese lily).....	do.....			2	Calif.*
<i>Lilium longiflorum</i> (Easter lily).....	do.....			7	Calif.*
<i>Lilium rubellum</i> (rubellum lily).....	do.....			1	Calif.*
<i>Lilium speciosum rubrum</i> (pink speciosum lily).....	do.....			17	Calif.,* , Wash.
<i>Lilium tigrinum</i> (tiger lily).....	do.....			1	Calif.*
<i>Lilium</i> sp.....	India, Japan, New Zealand.....			9	Calif.,* , Pa., Wash.
<i>Colletotrichum lini</i> (Westerdijk) Toeh.:					
<i>Linum</i> sp. (flax).....	Portugal.....	1			Mass.
<i>Colletotrichum philodendri</i> P. Henn.:					
<i>Philodendron</i> sp.....	Mexico.....			1	Tex.
<i>Colletotrichum violae-tricoloris</i> R. E. Sm.:					
<i>Viola</i> sp.....	England.....			1	N. J.
<i>Coniothecium citri</i> McAlp.:					
<i>Citrus aurantifolia</i> (sweet lime).....	Mexico.....	1			Tex.
<i>Coniothyrium concentricum</i> (Desm.) Sacc.:					
<i>Agave stricta</i> (hedge agave).....	do.....			1	Calif.*
<i>Coniothyrium cytisellum</i> (Pass. & Thum.) Sacc.:					
<i>Laburnocytisus adami</i>	Netherlands.....			1	N. J.
<i>Laburnum watereri</i>	do.....			15	N. J.
<i>Coniothyrium hellebori</i> Cke. & Mass.:					
<i>Helleborus niger</i> (Christmas-rose).....	England, Netherlands.....			10	N. J.
<i>Coniothyrium laburnophilum</i> Oud.:					
<i>Laburnum</i> sp.....	Denmark.....			1	N. J.
<i>Coniothyrium olivaceum</i> Bon.:					
<i>Wisteria</i> sp.....	Japan.....			1	Calif.*
<i>Oryneum carpophilum</i> (Lev.) Jauch:					
<i>Prunus persica</i> (peach).....	Mexico.....	1			Tex.
<i>Oryneum microstictum</i> Berk. & Br.:					
<i>Rosa</i> sp.....	Canada.....	1			Wash.

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<i>Cronartium ribicola</i> Alex. Fisch.: <i>Ribes</i> sp. (black currant).....	Canada.....			1	N. Y.
<i>Cryptodiaporthe salicella</i> (Fr.) Wehm.: <i>Salix</i> sp. (willow).....	France, Netherlands.....	1	1		N. Y.
<i>Cryptospora longispora</i> Servazzi: <i>Araucaria excelsa</i> (Norfolk-Island pine).....	Australia, Norfolk Island.....			3	Calif.*, N. Y.
<i>Cucurbitaria fraxini</i> Ell. & Ev.: <i>Fraxinus</i> sp. (ash).....	Mexico.....	1			Tex.
<i>Cumminsia sanguinea</i> (Peck.) Arth.: <i>Mahonia</i> sp.....	Canada.....			1	Wash.
<i>Curcularia lunata</i> (Wakk.) Boed.: <i>Ananas comosus</i> (pineapple).....	Mexico.....	1			Tex.
<i>Oryza sativa</i> (rice).....	India.....			1	D. C.
<i>Cylindrocarpon mali</i> (Allesch.) Wr.: <i>Laburnum watereri</i>	Netherlands.....			1	N. J.
<i>Cymadothea trifolii</i> (Fr.) Wolf: <i>Trifolium</i> sp.....	Portugal.....			1	D. C.
<i>Dasyscypha phragmiticola</i> P. Henn. & Ploett.: <i>Phragmites</i> sp.....	Denmark.....			1	N. J.
<i>Diaporthe eres</i> Nits.: <i>Ficus carica</i> var.....	Italy.....			3	Calif.*
<i>Leucothoe catesbaei</i>	Netherlands.....			1	N. J.
<i>Magnolia</i> sp.....	Japan.....			1	Wash.
<i>Wisteria floribunda macrobotrys</i>	do.....			1	Calif.*
<i>Diplodia coccocarpa</i> Sacc.: <i>Cocos nucifera</i> (coconut).....	Guam, Hawaii, Tahiti.....	9	1		Calif.*
<i>Diplodia paraphysaria</i> Sacc.: <i>Acerides fieldingi</i> (orchid).....	Thailand.....			1	Hawaii
<i>Laelia</i> sp. (orchid).....	Mexico.....			1	Tex.
<i>Orchid</i>	Brazil, Mexico, Trinidad.....	1		2	P. R., Tex.
<i>Diplodia theobromae</i> (Pat.) Nowell: <i>Manihot</i> sp.....	Cape Verde Islands.....			1	N. J.
<i>Diplodina eurhododendri</i> Voss: <i>Rhododendron</i> sp.....	England.....			1	Wash.
<i>Diplodina leucothoes</i> (P. Henn.) Died.: <i>Leucothoe</i> sp.....	Netherlands.....			2	N. J.
<i>Discosia artocreas</i> Fr.: <i>Daphne</i> sp.....	Ireland.....			1	N. Y.
<i>Echidnodes cocoes</i> Syd.: <i>Cocos nucifera</i> (coconut).....	Palmyra Island.....			1	Hawaii
<i>Elsinoe australis</i> Bitanc. & Jenkins: <i>Citrus aurantifolia</i> (sour lime).....	Brazil.....			7	La., N. Y. Pa., Tex.
<i>Citrus aurantium</i> (sour orange).....	Argentina.....			1	Tex.
<i>Citrus limon</i> (lemon).....	Argentina, Brazil.....			57	Ala., Calif. La., Md. Mass., N. Y., Pa. Tex.
<i>Citrus reticulata</i> (Mandarin orange).....	Argentina.....			2	N. Y.
<i>Citrus sinensis</i> (orange).....	Argentina, Brazil, unknown, Uruguay.....			67	Ala., Calif. Fla., La. Md., Mass. N. Y., Pa. P. R., Tex.
<i>Citrus</i> sp. (orange).....	Argentina.....			1	Ga.
<i>Elsinoe phaseoli</i> Jenkins: <i>Phaseolus lunatus macrocarpus</i> (lima bean).....	Cuba.....			1	N. Y.
<i>Endoconidiophora adiposa</i> (Butl.) Davidson: <i>Eleocharis dulcis</i> (waternut).....	China.....			1	Calif.*
<i>Entyloma oryzae</i> Syd. & P. Syd.: <i>Oryza sativa</i> (rice).....	Japan.....			1	Hawaii
<i>Fusarium graminearum</i> Schwabe: <i>Triticum aestivum</i> (wheat).....	Netherlands.....			1	D. C.
<i>Fusarium oxysporum</i> Schlecht.: <i>Crocus zonatus</i>	do.....			1	N. Y.

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<i>Fusarium oxysporum</i> Schlecht. f. <i>gladioli</i> (Massey) Snyd. & Hansen: <i>Gladiolus</i> sp.	Canada, England, Germany, Netherlands.			5	Ga., Mich., N. Y., Tex.
<i>Fusarium oxysporum</i> Schlecht. f. <i>narcissi</i> (Cke. & Mass.) Snyd. & Hansen: <i>Narcissus</i> sp.	Norway			1	N. Y.
<i>Fusarium phragmiticola</i> Kirsch.: <i>Phragmites</i> sp.	Denmark			1	N. J.
<i>Fusicladium depressum</i> (Berk. & Br.) Sacc.: <i>Foeniculum vulgare</i> (fennel)	Algeria		1		Pa.
<i>Fusicladium eriobotryae</i> Cav.: <i>Eriobotrya japonica</i> (loquat)	Italy	1			N. Y.
<i>Fusicladium pyracanthae</i> (Oth) Rostr.: <i>Pyracantha coccinea</i> (scarlet firethorn)	Netherlands			1	N. J.
<i>Gliomastix convoluta</i> (Harz.) Mason: <i>Solanum tuberosum</i> (potato)	Japan, Mexico	1	3		Calif.* , Tex.
<i>Zingiber officinale</i> (ginger)	China, Formosa, Japan	16			Calif.*
<i>Gloeocercospora sorghi</i> Bain & Edg.: <i>Sorghum halepense</i> (Johnson grass)	Mexico		1		Tex.
<i>Gloeosporium araucariae</i> Karst. & Hariot: <i>Araucaria araucana</i> (monkey puzzle)	England (?)			1	Wash.
<i>Gloeosporium leguminum</i> (Cke.) Sacc.: <i>Prosopis</i> sp. (mesquite)	Mexico		2		Tex.
<i>Gloeosporium piperatum</i> Ell. & Ev.: <i>Capsicum frutescens</i> (pepper)	Guatemala			1	D. C.
<i>Gloeosporium rhododendri</i> Briosi & Cav.: <i>Rhododendron praecox</i> (winter rhododendron)	Netherlands			3	N. J.
<i>Graphiola borassi</i> Syd. & Butl.: <i>Borassus flabellifer</i> (palmyra palm)	India		1		Md.
<i>Gymnosporangium haraeaeum</i> Syd.: <i>Juniperus chinensis</i> (Chinese juniper)	Japan			1	Calif.*
<i>Juniperus</i> sp.	do			1	Hawaii
<i>Gymnosporangium juniperi</i> Lk.: <i>Sorbus aucuparia</i> (European mountain-ash)	Sweden			1	N. Y.
<i>Hainesia lythri</i> (Desm.) Hohnl.: <i>Posa</i> sp.	Spain			1	N. J.
<i>Helminthosporium oryzae</i> Breda de Haan: <i>Oryza sativa</i> (rice)	Cuba, Hawaii, India, Japan.	3	13	2	Calif., D. C.
<i>Hendersonia importata</i> Allesch: <i>Vanda caerulea</i> (orchid)	Thailand			1	Hawaii
<i>Hendersonia sarmentorum</i> West.: <i>Ferberia tomarifolia</i>	England			1	Wash.
<i>Heterodera avenae</i> Eidam: Soil with bagging	England, Netherlands, Scotland.	11			N. Y., Pa., Va.
Soil with potatoes	Spain		4		N. Y., P. R.
<i>Heterodera cacti</i> Filip. & Schuurmans Stekhoven: Soil with cactus plants	France, Switzerland			4	Calif.* , N. J., N. Y., Tex
Soil with <i>Lobelia</i> sp.	Germany			1	Calif.*
Soil with <i>Mammillaria robustispina</i>	Mexico			1	Calif.*
Soil with <i>Mammillaria</i> spp.	do			3	Calif.*
Soil with various succulents	England			1	N. Y.
<i>Heterodera punctata</i> Thorne: Soil with Amaryllidaceae bulbs	Ireland		1		Calif.*
Soil on army trucks	Europe, Germany, unknown.		3		N. Y.
Soil with bagging	Belgium, Denmark, England, Netherlands, Scotland.	13			N. Y., Pa., Va.
Soil used as ballast	Scotland		2		Pa.
Soil with carrots	Netherlands		1		N. Y.
Soil with chrysanthemum plants	England			2	Mass., Wash.
Soil with compost for orchids	do			1	N. J.
Soil with <i>Cymbidium</i> sp.	do			3	N. J.
Soil with <i>Cypripedium</i> sp.	do			1	N. J.
Soil with <i>Dianthus</i> sp., peony, and delphinium	do			1	N. Y.

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<i>Heterodera punctata</i>—Continued					
Soil with <i>Fragaria</i> sp.	Scotland			1	N. J.
Soil with geranium	England, Sweden		1	1	N. Y., Pa.
Soil with hens-and-chickens plants	England			1	N. Y.
Soil with lily-of-the-valley plants	France			1	N. Y.
Soil with <i>Lupinus</i> sp. plants	England			1	N. Y.
Soil with picka-back plants	Germany		1		N. Y.
Soil with various plants	Sweden			1	N. J.
Soil with potatoes	England, Ireland, Norway, Spain.	1	4		N. Y., Pa., Va.
Soil with <i>Primula</i> sp. plants	England			1	N. J.
Soil with <i>Ranunculus</i> sp. and <i>Primula</i> sp. plants	do			1	N. J.
Soil with <i>Sedum</i> sp. plants	do			1	N. Y.
Soil with <i>Sedum</i> sp. and <i>Primula</i> sp. plants	do			1	N. Y.
Soil with woody cuttings	do			1	N. J.
<i>Heterodera rostochiensis</i> Wr.:					
Soil	Ireland			1	N. Y.
Soil with <i>Asparagus sprengeri</i> plants	Germany			1	N. Y.
Soil with potted azalea plant	Netherlands			1	Ala.
Soil with bagging	Belgium, Denmark, England, Germany, Netherlands, Scotland.	57			Md., N. Y., Pa., Va.
Soil used as ballast	Scotland	2			N. Y., Pa.
Soil with <i>Begonia</i> sp. plants	Germany			1	N. Y.
Soil with <i>Calluna</i> sp. plants	Scotland			1	N. J.
Soil with carnation plants	England			1	N. Y.
Soil with cedar plants	Ireland			1	Mass.
Soil with celery roots	England		1		Va.
Soil with <i>Coleus</i> sp. plants	Scotland			1	N. Y.
Soil with dahlia roots	England			2	N. J.
Soil with forget-me-not plants	do		1		N. Y.
Soil with <i>Fragaria</i> sp. roots	Sweden			1	N. J.
Soil with heather plants	Scotland			3	Mass.
Soil with heather and <i>Calluna</i> sp. plants	do			1	N. J.
Soil with <i>Juniperus</i> sp. and <i>Helxine</i> sp. plants	England			1	N. J.
Soil with lily-of-the-valley plants	Germany			2	Calif.* N. Y.
Soil with <i>Pelargonium</i> sp.	England	1			N. Y.
Soil with unidentified plants	Denmark, France			2	Mass., N. Y.
Soil with potatoes	Belgium, Canary Islands, England, Ireland, Peru, Scotland, Spain.	5	11		Calif.* N. Y., Pa., P. R., Va., Wash.
Soil with <i>Ribes</i> sp. plants	England			1	N. J.
Soil with rutabaga roots	Netherlands		1		Pa.
Soil with <i>Scabiosa</i> sp.	England			1	N. J.
Soil with succulent plants	do			1	N. Y.
Soil with thistle plants	Scotland			1	N. Y.
Soil with tulips	Germany		1		Pa.
Soil with woody cuttings	England			1	N. J.
<i>Heterodera schachtii</i> Schmidt:					
Soil with carnation plants	Germany			1	Ill.
<i>Heterodera trifolii</i> (Goffart) Oostenbrink:					
Soil with potatoes	New Zealand		1		Pa.
<i>Heterosporium iridis</i> (Fautr. & Roum.) Jacques:					
<i>Iris germanica</i> (German iris)	do			1	Calif.*
<i>Heterosporium ornithogali</i> Klotzsch:					
<i>Ornithogalum thyrsoides</i> (chinkerichee)	Union of South Africa	9			D. C., Mass., N. J., Pa., Wash.
Leprosis:					
<i>Citrus reticulata</i> (Mandarin orange)	Mexico	1			Tex.
<i>Citrus sinensis</i> (orange)	Egypt, Haiti, Mexico, Panama, unknown.	7	5		Calif.* Hawaii, Pa., Tex.
<i>Leptosphaeria citricola</i> Penz.:					
<i>Citrus reticulata</i> (Mandarin orange)	Japan	1			Alaska.

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Disease and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
Leptosphaeria heterospora (De N.) Sacc.:					
<i>Iris atrofusca</i>	Palestine.....	.....	.....	1	Calif.*
<i>Iris atropurpurea</i> (blackpurple iris).....	Netherlands.....	.....	.....	1	Calif.*
<i>Iris gatesi</i> (monarch iris).....	Netherlands, Turkey.....	.....	.....	2	Calif.*
<i>Iris germanica</i> (German iris).....	Australia, Canada, England, New Zealand.....	.....	.....	9	Calif.*
<i>Iris korolkowi</i> (redvein iris).....	Netherlands.....	.....	.....	3	Calif.*
<i>Iris nazarena</i>	Palestine.....	.....	.....	1	Calif.*
<i>Iris nigricans</i>	Hashemite Kingdom of the Jordan.....	.....	.....	1	Calif.*
<i>Iris stolonifera</i> (runner iris).....	Netherlands.....	.....	.....	1	Calif.*
<i>Iris stolonifera leichtlini</i>	do.....	.....	.....	1	Calif.*
<i>Iris susiana</i> (mourning iris).....	France, Netherlands.....	.....	.....	2	Calif.*
<i>Iris</i> sp.....	Canada, England, Netherlands, Palestine.....	.....	.....	8	Calif.*, N. J.
Leptosphaeria opuntiae Dodge:					
<i>Ferocactus crassihammatus</i> (cactus).....	Mexico.....	.....	.....	1	Tex.
<i>Ferocactus</i> sp.....	do.....	.....	.....	1	Tex.
Leptosphaeria rusci (Wallr.) Sacc.:					
<i>Ruscus</i> sp.....	Italy.....	3	.....	.....	Pa.
Leptothyrium gentianicola (DC.) Baeuml. var. <i>olivaceum</i> Bub.:					
<i>Gentiana acaulis</i>	England.....	.....	.....	1	N. J.
Leptothyrium pomi (Mont. & Fr.) Sacc.:					
<i>Malus sylvestris</i> (apple).....	Mexico.....	1	.....	.....	Tex.
Lophodermium juniperinum (Fr.) De N.:					
<i>Juniperus</i> sp.....	Italy.....	1	.....	.....	N. Y.
Lophodermium pinastri (Fr.) Chev.:					
<i>Pinus</i> sp. (3-leaved pine).....	Japan.....	.....	.....	1	Hawaii.
<i>Pinus</i> sp.....	Canada.....	.....	.....	2	N. Y.
Macrophoma anthurii Trinch.:					
<i>Anthurium</i> sp.....	Bermuda.....	.....	.....	1	N. J.
<i>Spathyphyllum</i> sp.....	do.....	.....	.....	1	N. J.
Macrophoma cocos Pass.:					
<i>Cocos nucifera</i> (coconut).....	Hawaii.....	2	.....	.....	Calif.*
Macrophoma musae (Cks.) Berl. & Vogl.:					
<i>Musa paradisica sapientum</i> (banana).....	Costa Rica, Hawaii, Mexico.....	2	1	.....	Calif.*
Macrophoma oncidii P. Henn.:					
<i>Oncidium cavendishianum</i> (orchid).....	Guatemala.....	.....	.....	1	Calif.*
Macrophoma phaseolina (Tassi) Goid.:					
<i>Ipomoea batatas</i> (sweetpotato).....	Borneo, Japan.....	1	1	.....	Calif.*
<i>Iris nigricans</i>	Hashemite Kingdom of the Jordan.....	.....	.....	1	Calif.*
<i>Iris viridiflora</i> (green ixia).....	Union of South Africa.....	.....	.....	2	Calif.*
<i>Moraea spathacea</i>	do.....	.....	.....	1	Calif.*
Melanospora zamiae Cda.:					
<i>Colocasia esculenta</i> (dasheen).....	China, Japan.....	4	.....	.....	Calif.*
<i>Zingiber officinale</i> (ginger).....	Formosa, Hawaii, Japan, Philippines.....	15	.....	.....	Calif.*
Meliola citricola Syd.:					
<i>Citrus reticulata</i> (Mandarin orange).....	China.....	7	.....	.....	Calif.*
<i>Citrus sinensis</i> (orange).....	Ceylon, China, Japan.....	18	1	.....	Calif.*, Hawaii, Minn.
Meloidogyne arenaria (Neal) Chitwood:					
<i>Bietilla</i> sp. (orchid).....	Japan.....	.....	.....	2	Wash. Tex.
<i>Brassica rapa</i> (turnip).....	Mexico.....	2	.....	.....	N. J.
<i>Dahlia</i> sp.....	India.....	.....	.....	1	Pa.
<i>Solanum tuberosum</i> (potato).....	Chile.....	.....	1	.....	.....
Meloidogyne exigua Goeldi:					
<i>Dahlia</i> sp.....	Australia.....	.....	.....	1	Calif.*
Meloidogyne hapla Chitwood:					
<i>Chrysanthemum</i> sp.....	Netherlands.....	.....	.....	1	N. J.
<i>Clematis</i> sp.....	do.....	.....	.....	2	Wash.
<i>Delphinium</i> sp.....	do.....	.....	.....	1	N. J.
<i>Hepatica angulosa</i> (Hungarian hepatica).....	do.....	1	Wash.
Soil with unknown plant.....	Germany.....	1	Va.

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<i>Meloidogyne incognita</i> (Kofoid & White) Chitwood:					
<i>Asparagus myriocladus</i>	Japan.....			1	Hawaii
<i>Dahlia</i> sp.....	India.....			1	Calif.*
<i>Dioscorea</i> sp.....	Nicaragua.....			1	D. C.
<i>Musa paradisica sapientum</i> (banana).....	Mexico.....			1	Tex.
<i>Meloidogyne incognita</i> (Kofoid & White) Chitwood (?) :					
<i>Beta vulgaris</i> (beet).....	French West Africa.....		1		Pa.
<i>Daucus carota</i> (carrot).....	Argentina.....		1		Pa.
<i>Mammillaria phymatothele</i> (cactus).....	Mexico.....			1	N. J.
<i>Meloidogyne incognita</i> (Kofoid & White) Chitwood var. <i>acrita</i> Chitwood:					
<i>Agapanthus</i> sp.....	Japan.....			1	Wash.
<i>Pastinaca sativa</i> (parsnip).....	Union of South Africa.....		1		Tex.
<i>Meloidogyne incognita</i> (Kofoid & White) Chitwood var. <i>acrita</i> Chitwood (close to; possibly n. sp.):					
<i>Hedychium</i> sp.....	Canal Zone.....			1	Tex.
<i>Pogostemon</i> sp.....	Philippines.....			1	D. C.
<i>Meloidogyne javanica</i> (Treub.) Chitwood:					
<i>Bletilla</i> sp. (orchid).....	Japan.....			3	Wash.
<i>Dahlia</i> sp.....	Australia.....			1	Calif.*
<i>Memnoniella echinata</i> (Rivolta) L. O. Gall.:					
<i>Cymbidium lowianum</i> (orchid).....	India.....			1	Calif.*
<i>Philodendron</i> sp.....	Mexico.....			1	Calif.*
<i>Solanum tuberosum</i> (potato).....	Japan.....		1		Calif.*
<i>Zingiber officinale</i> (ginger).....	China, Formosa, Japan.....	29			Calif.*
<i>Microdiplodia agaves</i> (Niessl) Petr.:					
<i>Agave stricta</i> (hedgehog agave).....	Mexico.....			1	Calif.*
<i>Microthyriella guianensis</i> F. L. Stevens & Manter:					
<i>Miltonia endresii</i> (orchid).....	Costa Rica.....			1	Tex.
<i>Monilinia fructicola</i> (Wint.) Honey:					
<i>Prunus domestica</i> (plum).....	Mexico.....		1		Tex.
<i>Monilinia fructigena</i> (Aderh. & Ruhl.) Honey:					
<i>Malus sylvestris</i> (apple).....	England, Sweden.....		1	1	N. Y., Pa.
<i>Prunus domestica</i> (plum).....	France.....		1		N. Y.
<i>Prunus</i> sp. (sweet cherry).....	England.....			1	Pa.
<i>Mycosphaerella citrullina</i> (C. O. Sm.) Gross.:					
<i>Secium edule</i> (chayote).....	Italy.....			1	N. J.
<i>Mycosphaerella fragariae</i> (Tul.) Lindau:					
<i>Fragaria</i> sp. (strawberry).....	France.....			1	D. C.
<i>Mycosphaerella opuntiae</i> (Ell. & Ev.) Dearn.:					
<i>Coryphantha longicornis</i> (cactus).....	Mexico.....			1	Tex.
<i>Mycosphaerella schoenoprasii</i> (Auers.) Schroet.:					
<i>Allium cepa</i> (onion).....	Japan.....		1		Hawaii.
<i>Allium fistulosum</i> (Welsh onion).....	do.....			5	Pa.
<i>Mycosphaerella washingtoniae</i> Rehm:					
<i>Phoenix humilis loureiri</i> (roebelen date).....	do.....			1	Calif.*
<i>Myriangium duriaei</i> Mont. & Berk.:					
<i>Citrus sinensis</i> (orange).....	Mexico.....			1	Calif.*
<i>Myrothecium roridum</i> Fr.:					
<i>Lycopersicon esculentum</i> (tomato).....	Mexico (?).....		1		Tex.
<i>Neocosmospora vasinfecta</i> E. F. Sm.:					
<i>Cymbidium grandiflorum</i> (orchid).....	India.....			1	Calif.*
<i>Nigrospora oryzae</i> (Berk. & Br.) Petch:					
<i>Cymbopogon nardus</i> (citronella grass).....	Indonesia.....			1	Calif.*
<i>Nigrospora sphaerica</i> (Sacc.) Mason:					
<i>Cymbopogon citratus</i> (lemon grass).....	Java.....			1	Calif.*
<i>Oryza sativa</i> (rice).....	China, Japan.....	8		3	Calif.*
<i>Omphalia flarida</i> Maub. & Rangel:					
<i>Gardenia augusta</i> (gardenia).....	Mexico.....		4		Tex.
<i>Oospora candidula</i> Sacc. var. <i>carpogena</i> Sacc.:					
<i>Ceanothus</i> sp.....	England.....			1	N. J.
<i>Oospora pustulans</i> Owen & Wakef.:					
<i>Solanum tuberosum</i> (potato).....	Finland.....			1	N. Y.
<i>Ophiostoma narcissi</i> Limber:					
<i>Narcissus</i> sp.....	Ireland.....			1	N. J.
<i>Panagrolaimus rigidus</i> (A. Schneider) Thorne (?) :					
<i>Dieffenbachia</i> sp.....	Mexico.....			1	Tex.

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<i>Papulaspora coprophila</i> (Zukal) Hotson:					
<i>Gladiolus</i> sp.....	Japan.....			1	Calif.*
<i>Papulaspora dodgei</i> Conners:					
<i>Gladiolus</i> sp.....	Germany.....			1	Mich.
<i>Papulaspora parasitica</i> (Eidam) Harz:					
<i>Dahlia</i> sp.....	Australia.....			1	Calif.*
"Peony virus":					
<i>Paeonia</i> sp. (peony).....	Netherlands.....			1	N. J.
<i>Peronospora effusa</i> (Grev.) Rab.:					
<i>Spinacia oleracea</i> (spinach).....	Mexico.....	1			Ariz.
<i>Peronospora trifoliorum</i> D. By.:					
<i>Medicago</i> sp.....	Ethiopia.....			1	D. C.
<i>Pestalotia bromelicola</i> Speg.:					
<i>Bromeliad</i>	Brazil.....			1	N. J.
<i>Pestalotia conspicua</i> Servazzi:					
<i>Laelia anceps</i> (orchid).....	Mexico.....			1	Tex.
<i>Orchid</i>	Costa Rica, Mexico.....			3	Tex.
<i>Pestalotia cycadis</i> Allesch.:					
<i>Macrozamia spiralis</i> (spiral macrozamia).....	Australia.....			1	Calif.*
<i>Pestalotia funerea</i> Desm.:					
<i>Cryptomeria japonica</i> (cryptomeria).....	Japan.....			2	Calif.*, Hawaii.
<i>Pinus parviflora</i> (Japanese white pine).....	do.....			1	Calif.*
<i>Pestalotia guepini</i> Desm.:					
<i>Camellia japonica</i> (camellia).....	do.....			1	Calif.*
<i>Camellia sasanqua</i>	do.....			1	Calif.*
<i>Camellia</i> sp.....	Japan, Korea, New Zealand.....			4	Calif.*, D. C.
<i>Pestalotia lespedezae</i> Syd.:					
<i>Lespedeza stipulacea</i> (Korean lespedeza).....	China.....			1	Calif.*
<i>Pestalotia macrotricha</i> Kleb.:					
<i>Rhododendron</i> sp.....	Netherlands.....			1	Wash.
<i>Pestalotia palmarum</i> Cke.:					
<i>Cocos nucifera</i> (coconut).....	Hawaii.....	4			Calif.*
<i>Phoenix humilis loureiri</i> (roebelen date).....	Japan.....			1	Calif.*
<i>Pestalotia peregrina</i> Ell. & G. Martin:					
<i>Pinus parviflora</i> (Japanese white pine).....	do.....			1	Calif.*
<i>Pestalotia psidii</i> Pat.:					
<i>Psidium guajava</i> (guava).....	Venezuela.....	1			N. Y.
<i>Pestalotia rhododendri</i> (D. Sacc.) Guba:					
<i>Rhododendron indicum</i>	Japan.....			1	Calif.*
<i>Rhododendron obtusum</i>	do.....			1	Calif.*
<i>Rhododendron</i> sp.....	Netherlands.....			1	N. J.
<i>Pestalotia truncata</i> Lev.:					
<i>Ribes alpinum</i> (alpine currant).....	do.....			1	N. J.
<i>Pestalotia virgatula</i> Kleb.:					
<i>Mangifera indica</i> (mango).....	Mexico.....	1			Tex.
<i>Phaeosphaeria oryzae</i> Miyake:					
<i>Oryza sativa</i> (rice).....	Japan.....	1			Calif.*
<i>Phleospora pistaciae</i> Petr.:					
<i>Pistacia</i> sp. (pistache).....	Turkey.....	1			N. Y.
<i>Phoma citricarpa</i> McAlp.:					
<i>Citrus limon</i> (lemon).....	Australia, Japan, Union of South Africa.....			5	Calif.*, Mass.
<i>Citrus paradisi</i> (grapefruit).....	Australia, Mozambique, Thailand.....	1	2		Calif.*, N. Y.
<i>Citrus paradisi</i> (pomelo).....	Philippines.....		1		Oreg.
<i>Citrus reticulata</i> (Mandarin orange).....	China, Japan.....	46	2		Calif.*, Hawaii, Mass., N. Y.
<i>Citrus sinensis</i> (orange).....	Australia, China, Japan, Natal, Union of South Africa.....	43	10		Calif.*, Hawaii, Minn., Pa. Tex.
<i>Citrus</i> sp. (orange).....	China.....	2			D. C., Fla.*
<i>Citrus</i> sp.....	Australia, China.....	9	1		D. C., Hawaii, Mass. Tex.

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<i>Phoma gypsophilae</i> Hollos:					
<i>Gypsophila</i> sp.	Japan			1	Calif.*
<i>Phoma iridina</i> Sacc.:					
<i>Iris germanica</i> (German iris)	New Zealand			1	Calif.*
<i>Phoma persicae</i> Schulz. & Sacc.:					
<i>Persea americana</i> (avocado)	Mexico	1			Tex.
<i>Phoma pomorum</i> Thuem.:					
<i>Malus sylvestris</i> (apple)	do	1			Tex.
<i>Phomopsis capsici</i> (Magn.) Sacc.:					
<i>Capsicum frutescens</i> (pepper)	Hawaii		1		Tex.
<i>Phomopsis cocoes</i> Petch.:					
<i>Cocos nucifera</i> (coconut)	Guam, Hawaii, Tahiti	18			Calif.*
<i>Phomopsis conorum</i> (Sacc.) Died.:					
<i>Picea</i> sp. (spruce)	Austria	1			D. C.
<i>Phomopsis hellebori</i> (Brun. & Har.) Trav.:					
<i>Helleborus niger</i> (Christmas-rose)	Netherlands			1	N. J.
<i>Phomopsis phoenicola</i> Trav. & Spessa:					
<i>Phoenix humilis loureiri</i> (roebelen date)	Japan			1	Calif.*
<i>Phomopsis stictica</i> (Berk. & Br.) Trav.:					
<i>Buxus microphylla koreana</i>	Netherlands			1	N. J.
<i>Phragmidium disciflorum</i> [Tode] James:					
<i>Rosa</i> sp.	Portugal			1	N. J.
<i>Phyllachora engleri</i> Speg.:					
<i>Syngonium</i> sp.	British Honduras			1	Fla.
<i>Phyllosticta auerswaldii</i> Allesch.:					
<i>Buxus</i> sp.	Austria			1	Minn.
<i>Phyllosticta cacti</i> (Berk.) Archer:					
<i>Coryphantha longicornis</i> (cactus)	Mexico			1	Tex.
<i>Phyllosticta camelliae</i> West.:					
<i>Camellia</i> sp.	Japan			2	Wash.
<i>Phyllosticta cookii</i> Tassi:					
<i>Magnolia</i> sp.	Mexico	1			Tex.
<i>Phyllosticta dracaena</i> P. Henn.:					
<i>Cordyline banksi</i> (Banks dracaena)	New Zealand			1	Hawaii.
<i>Phyllosticta gaultheriae</i> Ell. & Ev.:					
<i>Gaultheria</i> sp.	Mexico	1			Tex.
<i>Phyllosticta hedericola</i> Dur. & Mont.:					
<i>Fatsyhedera</i> sp.	Belgium			1	N. J.
<i>Hedera helix</i> (English ivy)	Ireland			1	N. Y.
<i>Phyllosticta laeliae</i> Kiessl.:					
<i>Laelia superbiens</i> (orchid)	Guatemala			1	Calif.*
<i>Oncidium cavendishianum</i> (orchid)	do			1	Calif.*
<i>Phyllosticta lentiginis</i> Sacc. & Syd.:					
<i>Viburnum</i> sp.	Netherlands			1	N. J.
<i>Phyllosticta maculifloris</i> Sacc.:					
<i>Castanea</i> sp. (chestnut)	Italy	1			Mass.
<i>Phyllosticta mahoniicola</i> Pass.:					
<i>Berberis</i> sp.	Netherlands			1	D. C.
<i>Phyllosticta mortoni</i> Fairm.:					
<i>Mangifera indica</i> (mango)	Haiti, Mexico	2			Pa., Tex.
<i>Phyllosticta osmanthicola</i> Trinch.:					
<i>Osmanthus forrestii</i> (forrests osmanthus)	Netherlands			1	N. J.
<i>Phyllosticta philodendri</i> Allesch.:					
<i>Philodendron verrucosum</i> (warty philodendron)	Costa Rica			1	Calif.*
<i>Phyllosticta saccardoi</i> Thuem.:					
<i>Rhododendron</i> sp.	Scotland			1	Ala.
<i>Phyllosticta violae</i> Desm.:					
<i>Viola</i> sp. (pansy)	Sweden	1			N. Y.
<i>Physalospora campiospora</i> Sacc.:					
<i>Cattleya bowringiana</i> (orchid)	Mexico			1	Calif.*
<i>Coelogyne elata</i> (orchid)	India			1	Wash.
<i>Physalospora orchidearum</i> P. Henn.:					
<i>Cymbidium elegans</i> (orchid)	do			1	Calif.*
Orchid	Mexico			1	Tex.
<i>Physalospora wildemaniana</i> Sacc.:					
<i>Cymbidium devonianum</i> (orchid)	India			1	Calif.*
<i>Physoderma pluriannulatum</i> (Berk. & Curt.) Karling:					
<i>Sanicula</i> sp. (?)	Mexico			1	Calif.*

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<i>Phytophthora parasitica</i> Dast.:					
<i>Citrus limon</i> (lemon).....	Spain.....		1		Calif.*
<i>Pleospora herbarum</i> (Pers.) Rab.:					
<i>Onobrychis viciaefolia</i> (saifon).....	.....do.....			1	Calif.*
<i>Vitis</i> sp. (grape).....	Greece.....			1	Pa.
<i>Pleospora thuemeniana</i> Sacc.:					
<i>Yucca</i> sp.....	Bermuda.....			1	N. Y.
<i>Pseudomonas marginalis</i> (N. A. Brown) F. L. Stevens:					
<i>Cichorium endivia</i> (endive).....	Belgium, Netherlands.....	8			N. Y.
<i>Cichorium intybus</i> (chicory).....	Belgium.....	1			N. Y.
<i>Pseudomonas marginata</i> (McCull.) Stapp:					
<i>Gladiolus</i> sp.....	Germany.....			1	Mich.
<i>Pseudomonas seminum</i> Cayley:					
<i>Pisum sativum</i> (pea).....	Portugal.....		1		Tex.
<i>Pseudomonas syringae</i> v. Hall:					
<i>Citrus limon</i> (lemon).....	Greece (?).....		1		Pa.
<i>Pseudomonas tonelliana</i> Burk.:					
<i>Nerium oleander</i> (oleander).....	Italy.....			1	N. Y.
<i>Pseudopeziza medicaginis</i> (Lib.) Sacc.:					
<i>Medicago sativa</i> (alfalfa).....	Africa.....	1			Mass.
<i>Puccinia arenariae</i> (Schum.) Wint.:					
<i>Dianthus barbatus</i> (sweet-william).....	England, Switzerland.....	1		1	N. J., N. Y.
<i>Dianthus deltoides</i> (maiden pink).....	Switzerland.....			1	N. J.
<i>Puccinia chrysanthemi</i> Roze:					
<i>Chrysanthemum</i> sp.....	Japan.....			1	Wash.
<i>Puccinia gentianae</i> (Strauss) Lk.:					
<i>Gentiana acaulis</i> (stemless gentian).....	Switzerland.....	1			Oreg.
<i>Puccinia glutumarum</i> (Schm.) Eriks. & E. Henn.:					
<i>Triticum aestivum</i> (wheat).....	Spain.....	1			P. R.
<i>Puccinia graminis</i> Pers. var. <i>tritici</i> Eriks. & E. Henn.:					
<i>Triticum aestivum</i> (wheat).....	Mexico.....	1			P. R.
<i>Puccinia hieracii</i> (Schum.) Mart.:					
<i>Inula</i> sp. (?).....	Lebanon.....		1		Pa.
<i>Puccinia iridis</i> (DC.) Wallr.:					
<i>Iris mellita</i>	Turkey.....			1	N. J.
<i>Puccinia lantanae</i> Farl.:					
<i>Lantana</i> sp.....	Bermuda.....			1	N. Y.
<i>Puccinia oblecta</i> Pk.:					
<i>Scirpus</i> sp. (bullrush).....	Mexico.....	1			Tex.
<i>Puccinia ornithogali-thyrsoideis</i> Diet.:					
<i>Ornithogalum thyrsoideis</i> (chinkerichee).....	Union of South Africa.....	10			D. C., Md., Mass., N. J., N. Y., Pa.
<i>Puccinia smyrnii</i> Bov.-Bern.:					
<i>Smyrnum olustrum</i> (?).....	France.....	2			Mass.
<i>Puccinia urbaniana</i> P. Henn.:					
<i>Stachytarpheta jamaicensis</i>	Puerto Rico.....	1			P. R.
<i>Puccinia violae</i> (Schum.) DC.:					
<i>Viola</i> sp. (violet).....	Canada.....	1			Wash.
<i>Pucciniastrum vacciniorum</i> Lagh.:					
<i>Vaccinium arctostaphylos</i>	England.....			1	N. J.
<i>Pyrenochaeta erysipthoides</i> Sacc.:					
<i>Boehmeria</i> sp.....	Japan.....			1	Calif.
<i>Pyrenochaeta oryzae</i> Miyake:					
<i>Oryza sativa</i> (rice).....	.....do.....	1			Calif.*
<i>Pythium butleri</i> Subr.:					
<i>Zingiber</i> sp.....	Guam.....	1			Hawaii
<i>Ramularia beticola</i> Fautr. & O. R. Lambert:					
<i>Beta intermedia</i>	Turkey.....			1	D. C.
<i>Ramularia primulae</i> Thuem.:					
<i>Primula</i> sp. (primrose).....	Netherlands.....			1	N. Y.
<i>Ramularia taraxaci</i> Karst.:					
<i>Taraxacum</i> sp. (dandelion).....	Germany.....	1			N. Y.
<i>Schizophyllum commune</i> Fr.:					
Bark from wooden crate.....	Japan.....	1			Hawaii.

Pests (diseases) collected and reported from July 1, 1951, through June 30, 1952—
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[An asterisk indicates State inspection]

Disease and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
<i>Scirrhodithis bambusae</i> (Turc.) Trott.: Bambuseae.....	Japan.....	1			Hawaii.
<i>Sclerotinia kernerii</i> Wettst.: <i>Abies alba</i> (silver fir).....	Germany.....	1			Pa.
<i>Abies</i> sp.....	Greece (?).....		1		Mass.
<i>Sclerotinia minor</i> Jagger: <i>Pisum sativum</i> (pea).....	Portugal.....		1		Pa.
<i>Sclerotium cepivorum</i> Berk.: <i>Allium sativum</i> (garlic).....	France, Italy.....	1	1		Calif.*, N. Y.
<i>Sclerotium evonymi</i> Desm.: <i>Euonymus</i> sp.....	Netherlands.....			1	Wash.
<i>Sclerotium ornithogali</i> Savu. & Sanduville: <i>Ornithogalum thyrsoides</i> (chinkerichee).....	Union of South Africa.....	1			D.C.
<i>Sclerotium oryzae</i> Catt.: <i>Oryza sativa</i> (rice).....	Korea.....	1			Wash.
<i>Selenophoma donacis</i> (Pass.) Sprague & A. G. Johnson: <i>Agropyron</i> sp.....	Union of Soviet Socialist Republics.....			1	N. J.
<i>Septobasidium pseudopedicellatum</i> Burt: <i>Citrus sinensis</i> (orange).....	Brazil.....		1		Tex.
<i>Septoria azaleae</i> Vogl.: <i>Rhododendron japonicum</i> (Japanese azalea).....	Netherlands.....			1	N. J.
<i>Rhododendron</i> sp.....	France, Netherlands.....			3	N. J., N. Y., Wash.
<i>Septoria chrysanthemi</i> Allesch.: <i>Chrysanthemum</i> sp.....	Japan.....			1	Wash.
<i>Septoria citri</i> Pass.: <i>Citrus limon</i> (lemon).....	Argentina, Australia, Italy, New Zealand, Panama, Spain.....		6		Calif.*, Tex.
<i>Citrus paradisi</i> (grapefruit).....	Japan.....		1		Calif.*
<i>Citrus reticulata</i> (Mandarin orange).....	China.....	2			Calif.*
<i>Citrus sinensis</i> (orange).....	Union of South Africa.....		1		Calif.*
<i>Septoria dianthi</i> Desm.: <i>Dianthus</i> sp. (carnation).....	Azores.....	1			Mass.
<i>Septoria gladioli</i> Pass.: <i>Gladiolus</i> sp.....	Mexico, Turkey.....	1		1	N. J., Tex.
<i>Septoria posekensis</i> Sacc.: <i>Cymbidium devonianum</i> (orchid).....	India.....			2	Calif.*
<i>Cypripedium insigne</i> (orchid).....	do.....			1	Calif.*
<i>Septoria ribis</i> Desm.: <i>Ribes</i> sp. (currant).....	Norway.....			1	N. Y.
<i>Septoria unedonis</i> Rob. & Desm.: <i>Arbutus unedo</i> (strawberry-tree).....	Greece.....			1	N. Y.
<i>Sphaceloma fawcettii</i> Bitanc. & Jenkins: <i>Citrus aurantifolia</i> (lime).....	Hawaii.....	1			Hawaii.
<i>Citrus limon</i> (lemon).....	Japan.....		1		Wash.
<i>Citrus reticulata</i> (Mandarin orange).....	Mexico.....	1			Tex.
<i>Sphaceloma fawcettii</i> Jenkins var. <i>scabiosa</i> (McAlp. & Tryon) Jenkins: <i>Citrus limon</i> (lemon).....	Australia.....		2		Mass., Tex.
<i>Citrus paradisi</i> (grapefruit).....	do.....		1		Tex.
<i>Citrus</i> sp.....	do.....		1		Mass.
<i>Sphaceloma puniceae</i> Bitanc. & Jenkins: <i>Punica granatum</i> (pomegranate).....	Mexico.....	8			Ariz., Tex.
<i>Sphacelotheca sorghi</i> (Lk.) Clint.: <i>Sorghum vulgare</i> (sorghum).....	Nigeria.....			1	D. C.
<i>Sphenospora kevorkianii</i> Linder: <i>Schomburgkia</i> sp. (orchid).....	Panama.....			1	Tex.
<i>Sporocybe tessulata</i> Sacc.: <i>Dianthus</i> sp. (carnation).....	England.....			1	N. J.
<i>Sporonema ozyococi</i> Shear: <i>Vaccinium arctostaphylos</i>	do.....			1	N. J.
<i>Stagonospora macrospora</i> (Dur. & Mont.) Sacc.: <i>Agave vestita</i>	Mexico.....			1	Calif.*
<i>Agave</i> sp.....	do.....			3	Ariz., Tex.
<i>Stemphylium botryosum</i> Wallr.: <i>Gladiolus</i> sp.....	do.....			1	Tex.

Pests (diseases) collected and reported from July 1, 1951, through June 30, 1952—
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Disease and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
<i>Stilbum incarnatum</i> Wakk.:					
<i>Eleocharis dulcis</i> (waternut).....	Formosa.....	5			Calif.*
<i>Zingiber officinale</i> (ginger).....	Formosa, Japan.....	3			Calif.*
<i>Thielavia terricola</i> (Gilman & Abbot) Emmons:					
<i>Tulipa</i> sp. (tulip).....	Japan.....			1	Calif.*
<i>Thielaviopsis basicola</i> (Berk. & Br.) Ferr.:					
<i>Astilbe</i> sp.....	Netherlands.....			2	N. J.
<i>Paeonia</i> sp.....	do.....			2	N. J.
<i>Sinningia speciosa</i> (gloxinia).....	Belgium.....			1	Calif.*
<i>Tilletia caries</i> (D.C.) Tul.:					
<i>Triticum aestivum</i> (wheat).....	Afghanistan, Austria.....			2	D. C.
<i>Tilletia foetida</i> (Wallr.) Liro:					
<i>Triticum aestivum</i> (wheat).....	Ethiopia.....			1	D. C.
<i>Tilletia paradoxa</i> Jacz.:					
<i>Poa</i> sp.....	Turkey.....			1	N. J.
"Tomato aspermy virus":					
<i>Chrysanthemum</i> sp.....	Denmark.....			1	N. J.
<i>Trematosphaerella oryzae</i> (Miyake) Padwick:					
<i>Oryza sativa</i> (rice).....	Salvador.....			1	D. C.
<i>Trichoderma lignorum</i> Harz:					
<i>Solanum tuberosum</i> (potato).....	Japan.....		1		Calif.*
<i>Tritirachium dependens</i> Limber:					
<i>Dahlia</i> sp.....	India.....			1	N. J.
<i>Lilium auratum</i> (goldband lily).....	Japan.....			4	Calif.*
<i>Lilium giganteum</i> (giant lily).....	do.....			1	Calif.*
<i>Lilium longiflorum</i> (Easter lily).....	do.....			4	Calif.*
<i>Lilium speciosum rubrum</i> (pink speciosum lily).....	do.....			7	Calif.*
<i>Lilium</i> sp.....	do.....			1	Calif.*
<i>Watsonia rosea</i> (rosy buglelily).....	Union of South Africa.....			1	N. J.
<i>Zingiber officinale</i> (ginger).....	Japan.....	1			Calif.*
<i>Trochila ilicis</i> (Fr.) Crouan:					
<i>Ilex aquifolium</i> (English holly).....	Netherlands.....			1	N. J.
<i>Trochila laurocerasi</i> (Desm.) Fr.:					
<i>Prunus</i> sp.....	England.....			1	D. C.
<i>Tubercularia vulgaris</i> Fr.:					
<i>Acer japonicum aconitifolium</i>	Netherlands.....			1	Wash.
<i>Tylenchus allii</i> Beijerinck:					
<i>Allium sativum</i> (garlic).....	Mexico.....	5			Tex.
<i>Tylenchus putrefaciens</i> Kuhn:					
<i>Allium sativum</i> (garlic).....	do.....	2			Tex.
<i>Uredo behnickiana</i> P. Henn.:					
<i>Laelia anceps</i> (orchid).....	do.....			4	Tex.
<i>Uredo guacae</i> Mayor (?):					
<i>Epidendrum radicans</i> (orchid).....	Guatemala.....			1	Fla.
<i>Epidendrum</i> sp.....	Cuba.....			1	Fla.
<i>Uredo jatrophicola</i> Arth.:					
<i>Jatropha curcas</i> (Barbados nut).....	Puerto Rico.....		1		N. Y.
<i>Uredo oncidii</i> P. Henn.:					
<i>Oncidium varicosum rogersi</i> (orchid).....	Brazil.....			1	N. J.
<i>Oncidium</i> sp.....	Guatemala.....			1	Fla.
<i>Uredo scabies</i> Cke.:					
<i>Vanilla planifolia</i> (orchid).....	Canal Zone.....			1	Fla.
<i>Vanilla</i> sp.....	do.....			1	Fla.
<i>Uredo stylosanthidis</i> P. Henn.:					
<i>Stylosanthes</i> sp.....	Ethiopia.....			1	D. C.
<i>Urocystis colchici</i> (Schlecht.) Rab.:					
<i>Colchicum autumnale</i> (autumn-crocus).....	Netherlands.....			1	N. J.
<i>Colchicum autumnale album</i> (white autumn-crocus).....	do.....			1	N. J.
<i>Colchicum autumnale major</i> (giant autumn-crocus).....	do.....			1	N. J.
<i>Uromyces betae</i> (Pers.) Lev.:					
<i>Beta vulgaris cicla</i> (Swiss chard).....	Italy.....		1		Pa.
<i>Uromyces phaseoli</i> (Pers.) Wint. var. <i>typica</i> Arth.:					
<i>Phaseolus vulgaris</i> var. (string bean).....	Japan.....		1		Wash.
<i>Uromyces striatus</i> Schroet. var. <i>medicaginis</i> (Pass.) Arth.:					
<i>Medicago sativa</i> (alfalfa).....	Mexico.....	1			Tex.
<i>Uromyces trifolii</i> (Hedw. f.) Lev.:					
<i>Trifolium</i> sp. (clover).....	Greece.....			1	Calif.

Pests (diseases) collected and reported from July 1, 1951, through June 30, 1952—
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		Consumption	Nonentry	Propagation	
<i>Ustilago bullata</i> Berk.:					
<i>Bromus</i> sp.	Argentina			1	D. C.
<i>Ustilago hordei</i> (Pers.) Lagh.:					
<i>Hordeum vulgare</i> (barley)	Afghanistan			1	D. C.
<i>Ustilago tritici</i> (Pers.) Rostr.:					
<i>Triticum aestivum</i> (wheat)	do			1	D. C.
<i>Verticillium buxi</i> (Lk.) Auers. & Fleischck:					
<i>Buxus</i> sp.	Canada, Netherlands			3	N. J.
<i>Xanthomonas citri</i> (Hasse) Dowson:					
<i>Citrus aurantifolia</i> (lime)	India	1			Hawaii
<i>Citrus aurantifolia</i> (sour lime)	India, Japan, Malaysia, Philippines		4		Calif. *, Mass., N. Y.
<i>Citrus grandis</i> (pummelo)	Thailand		2		Wash.
<i>Citrus limon</i> (lemon)	Japan		16		Calif. *, Ha waii, La., N. Y., Wash.
<i>Citrus paradisi</i> (grapefruit)	India, Japan		7		Calif. *, Tex.
<i>Citrus paradisi</i> (pomelo)	India		1		Mass.
<i>Citrus reticulata</i> (Mandarin orange)	China	2			Calif. *
<i>Citrus sinensis</i> (orange)	Ceylon, China, Formosa (?), Japan, China	14	33		Calif. *, Fla. *, Pa., Wash.
<i>Citrus</i> sp.		1			D. C.
<i>Xanthomonas</i> sp. (?) (Cancrosis "B"):					
<i>Citrus limon</i> (lemon)	Argentina		6		Fla. *, Md. Mass., N. Y., Pa., Tex.
<i>Citrus paradisi</i> (grapefruit)	do		1		Calif. *

Hosts and Diseases

ABIES:

Sclerotinia kernerii (Ascomycetes)

ACER:

Tubercularia vulgaris (Deuteromycetes)

AERIDES:

Diplodia paraphysaria (Deuteromycetes)

AGAPANTHUS:

Meloidogyne incognita var. *acrita* (Nematoda)

AGAVE:

Botryosphaeria agaves (Ascomycetes)

Colletotrichum agaves (Deuteromycetes)

Coniothyrium concentricum (Deuteromycetes)

Microdiplodia agaves (Deuteromycetes)

Stagonospora macrospora (Deuteromycetes)

AGROPYRON:

Selenophoma donacis (Deuteromycetes)

ALLIUM CEPA:

Mycosphaerella schoenoprasii (Ascomycetes)

ALLIUM FISTULOSUM:

Mycosphaerella schoenoprasii (Ascomycetes)

ALLIUM SATIVUM:

Sclerotium cepivorum (Deuteromycetes)

Tylenchus allii (Nematoda)

Tylenchus putrefaciens (Nematoda)

ANANAS:

Curvularia lunata (Deuteromycetes)

ANETHUM:

Cercospora anethi (Deuteromycetes)

ANTHURIUM:

Macrophoma anthurii (Deuteromycetes)

ARACHIS:

Cercospora arachidicola (Deuteromycetes)

ARAUCARIA:

Botryosphaeria berengeriana f. *araucariae* (Ascomycetes)

Botryosphaeria ribis (Ascomycetes)

Cryptospora longispora (Ascomycetes)

Gloeosporium araucariae (Deuteromycetes)

ARBUTUS:

Septoria unedonis (Deuteromycetes)

ASPARGUS:

Meloidogyne incognita (Nematoda)

ASTILBE:

Thielaviopsis basicola (Deuteromycetes)

BAMBUSEAE:

Scirrhodopsis bambusae (Phycomycetes)

BERBERIS:

Hendersonia sarmentorum (Deuteromycetes)

Phyllosticta mahoniicola (Deuteromycetes)

BETA:

Cercospora beticola (Deuteromycetes)

Meloidogyne incognita (?)

Ramularia beticola (Deuteromycetes)

Uromyces betae (Promycetes)

BLETILLA:

Meloidogyne arenaria (Nematoda)

Meloidogyne javanica (Nematoda)

BOEHMERIA:

Pyrenochaeta erysiphoides (Deuteromycetes)

BORASSUS:

Graphiola borassi (Promycetes)

BOTHRIOCHLOA:

Cerebella andropogonis (Deuteromycetes)

Hosts and Diseases—Continued

- BRASSICA RAPA:**
Meloidogyne arenaria (Nematoda)
- BROMELIAD:**
Pestalotia bromellicola (Deuteromycetes)
- BROMUS:**
Ustilago bullata (Promycetes)
- BUXUS:**
Phomopsis stictica (Deuteromycetes)
Phyllosticta anerswaldii (Deuteromycetes)
Verticillium buxi (Deuteromycetes)
Volutella buxi (Deuteromycetes)
- CAMELLIA:**
Pestalotia guepini (Deuteromycetes)
Phyllosticta camelliae (Deuteromycetes)
- CAPSICUM:**
Gloeosporium piperatum (Deuteromycetes)
Phomopsis capsici (Deuteromycetes)
- CARICA:**
Asperisporium caricae (Deuteromycetes)
- CASTANEA:**
Phyllosticta maculiformis (Deuteromycetes)
- CATTLEA:**
Phyalospora camptospora (Ascomycetes)
- CEANOETHUS:**
Oospora candidula var. *carpogena* (Deuteromycetes)
- CHAMAEDOREA:**
Aschersonia basicystis (Deuteromycetes)
- CHENOPodium:**
Cercospora anthelmintica (Deuteromycetes)
- CHRYSANTHEMUM:**
 "Chrysanthemum virus Q"
Meloidogyne hapla (Nematoda)
Puccinia chrysanthemi (Promycetes)
Septoria chrysanthemi (Deuteromycetes)
 "Tomato aspermy virus"
- CICHORIUM:**
Pseudomonas marginalis (Schizomycetes)
- CITRUS AURANTIFOLIA:**
Coniothecium citri (Deuteromycetes)
Elsinoe australis (Ascomycetes)
Sphaceloma fawcettii (Deuteromycetes)
Xanthomonas citri (Schizomycetes)
- CITRUS AURANTIUM:**
Elsinoe australis (Ascomycetes)
- CITRUS GRANDIS:**
Xanthomonas citri (Schizomycetes)
- CITRUS LIMON:**
Alternaria citri (Deuteromycetes)
Elsinoe australis (Ascomycetes)
Phoma citricarpa (Deuteromycetes)
Phytophthora parasitica (Phycomycetes)
Pseudomonas syringae (Schizomycetes)
Septoria citri (Deuteromycetes)
Sphaceloma fawcettii (Deuteromycetes)
Sphaceloma fawcettii var. *scabiosa* (Deuteromycetes)
Xanthomonas citri (Schizomycetes)
Xanthomonas sp. (?) (Cancerosis "B") (Schizomycetes)
- CITRUS PARADISI:**
Phoma citricarpa (Deuteromycetes)
Septoria citri (Deuteromycetes)
Sphaceloma fawcettii var. *scabiosa* (Deuteromycetes)
Xanthomonas citri (Schizomycetes)
Xanthomonas sp. (?) (Cancerosis "B")
- CITRUS RETICULATA:**
Alternaria citri (Deuteromycetes)
Elsinoe australis (Ascomycetes)
 Leprosis
Leptosphaeria citricola (Ascomycetes)
Meliola citricola (Ascomycetes)
Phoma citricarpa (Deuteromycetes)
Septoria citri (Deuteromycetes)
Sphaceloma fawcettii (Deuteromycetes)
Xanthomonas citri (Schizomycetes)
- CITRUS SINENSIS:**
Alternaria citri (Deuteromycetes)
Elsinoe australis (Ascomycetes)
 Leprosis
Meliola citricola (Ascomycetes)
Myriangium duriae (Ascomycetes)
Phoma citricarpa (Deuteromycetes)
Septobasidium pseudopedicellatum (Basidiomycetes)
Septoria citri (Deuteromycetes)
Xanthomonas citri (Schizomycetes)
- CITRUS SP (orange):**
Elsinoe australis (Ascomycetes)
Phoma citricarpa (Deuteromycetes)
- CITRUS SP.:**
Phoma citricarpa (Deuteromycetes)
Sphaceloma fawcettii var. *scabiosa* (Deuteromycetes)
Xanthomonas citri (Schizomycetes)
- CLEMATIS:**
Meloidogyne hapla (Nematoda)
- COCOS:**
Diplodia coccocarpa (Deuteromycetes)
Echidnodes cocoes (Ascomycetes)
Macrophoma cocos (Deuteromycetes)
Pestalotia palmarum (Deuteromycetes)
Phomopsis cocoes (Deuteromycetes)
- COELOGYNE:**
Phyalospora camptospora (Ascomycetes)
- COFFEA:**
Cercospora coffeicola (Deuteromycetes)
- COLCHICUM:**
Urocystis colchici (Promycetes)
- COLOCASIA:**
Melanospora zamiae (Ascomycetes)
- CORDIA:**
Cercospora cordiae (Deuteromycetes)
- CORDYLINE:**
Phyllosticta dracaenae (Deuteromycetes)
- CORYPHANTHA:**
Mycosphaerella opuntiae (Ascomycetes)
Phyllosticta cacti (Deuteromycetes)
- CROCUS:**
Fusarium oxysporum (Deuteromycetes)
- CRYPTOMERIA:**
Cercospora cryptomeriae (Deuteromycetes)
Pestalotia funerea (Deuteromycetes)
- CYMBIDIUM:**
Memnoniella echinata (Deuteromycetes)
Neocosmospora vasinfecta (Ascomycetes)
Phyalospora orchidearum (Ascomycetes)
Phyalospora wildebrandiana (Ascomycetes)
Septoria posekensis (Deuteromycetes)
- CYMBOPOGON:**
Nigrospora oryzae (Deuteromycetes)
Nigrospora sphaerica (Deuteromycetes)
- CYNARA:**
Albugo tragopogonis (Phycomycetes)
- CYPRIPEDIUM:**
Septoria posekensis (Deuteromycetes)
- DAHLIA:**
Meloidogyne arenaria (Nematoda)
Meloidogyne exigua (Nematoda)
Meloidogyne incognita (Nematoda)
Meloidogyne jaranica (Nematoda)
Papulaspora parasitica (Deuteromycetes)
Tritrachium dependens (Deuteromycetes)
- DAPHNE:**
Discosia arctocreas (Deuteromycetes)
- DAUCUS:**
Meloidogyne incognita (?)
- DELPHINIUM:**
Meloidogyne hapla (Nematoda)
- DIANTHUS:**
Puccinia arenariae (Promycetes)
Septoria dianthi (Deuteromycetes)
Sporocybe tessulata (Ascomycetes)
- DIEFFENBACHIA:**
Panagrolaimus rigidus (?) (Nematoda)
- DIOSCOREA:**
Meloidogyne incognita (Nematoda)
- ELEOCHARIS:**
Endoconidiophora adiposa (Ascomycetes)
Stilbum incarnatum (Deuteromycetes)
- EPIDENDRUM:**
Uredo guacae (?) (Promycetes)
- ERIOBOTRYA:**
Fusicladium eriotryae (Deuteromycetes)
- EUONYMUS:**
Sclerotium evonymi (Deuteromycetes)
- FATSHEDERA:**
Phyllosticta hedericola (Deuteromycetes)
- FEROCACTUS:**
Leptosphaeria opuntiae (Ascomycetes)
- FESTUCA:**
Clariceps purpurea (Phycomycetes)

Hosts and Diseases—Continued

- FIGUS:**
Diaporthe eres (Ascomycetes)
- FOENICULUM:**
Fusicladium depressum (Deuteromycetes)
- FRAGARIA:**
Mycosphaerella fragariae (Ascomycetes)
- FRAXINUS:**
Cucurbitaria fraxini (Ascomycetes)
- GARDENIA:**
Omphalia flavida (Deuteromycetes)
- GAULTHERIA:**
Phyllosticta gaultheriae (Deuteromycetes)
- GENTIANA:**
Leptothyrium gentianicola var. *olivaceum* (Deuteromycetes)
- GLADIOLUS:**
Botrytis gladiolorum (Deuteromycetes)
Fusarium oxysporum var. *gladioli* (Deuteromycetes)
Papulaspora coprophila (Deuteromycetes)
Papulaspora dodgei (Deuteromycetes)
Pseudomonas marginata (Schizomycetes)
Septoria gladioli (Deuteromycetes)
Stemphylium botryosum (Deuteromycetes)
- GYPHOPHILA:**
Phoma gypsophilae (Deuteromycetes)
- HEDERA:**
Phyllosticta hedericola (Deuteromycetes)
- HEDYCHIUM:**
Meloidogyne incognita var. *acrita* (?)
- HELLEBORUS:**
Coniothyrium hellebori (Deuteromycetes)
Phomopsis hellebori (Deuteromycetes)
- HEPATICA:**
Meloidogyne hapla (Nematoda)
- HEUCHERA:**
Colletotrichum heucherae (Deuteromycetes)
- HORDEUM:**
Ustilago hordei (Promycetes)
- ILEX:**
Trochila ilicis (Ascomycetes)
- INDOCALAMUS:**
Colletotrichum graminicolum (Deuteromycetes)
- INULA:**
Puccinia hieracii (Promycetes)
- IPOMOEA:**
Macrophomina phaseolina (Deuteromycetes)
- IRIS:**
Colletotrichum lilieacearum (Deuteromycetes)
Heterosporium iridis (Deuteromycetes)
Leptosphaeria heterospora (Ascomycetes)
Macrophomina phaseolina (Deuteromycetes)
Phoma iridina (Deuteromycetes)
Puccinia iridis (Promycetes)
- IXIA:**
Macrophomina phaseolina (Deuteromycetes)
- JATROPHA:**
Uredo jatrophiola (Promycetes)
- JUNIPERUS:**
Gymnosporangium haraeaeum (Promycetes)
Lophodermium juniperinum (Ascomycetes)
- LABURNOCYTISUS:**
Coniothyrium cytisellum (Deuteromycetes)
- LABURNUM:**
Coniothyrium laburnophilum (Deuteromycetes)
Cylindrocarpon mali (Deuteromycetes)
- LAELIA:**
Diplodia paraphysaria (Deuteromycetes)
Pestalotia conspicua (Deuteromycetes)
Phyllosticta laeliae (Deuteromycetes)
Uredo behnickiana (Promycetes)
- LANTANA:**
Puccinia lantanae (Promycetes)
- LESPEDeza:**
Pestalotia lespedezae (Deuteromycetes)
- LEUCADENDRON:**
Cercospora protearum (Deuteromycetes)
- LEUCOTHÖE:**
Ceuthospora lunata (Deuteromycetes)
Diaporthe eres (Ascomycetes)
Diplodina leucothoes (Deuteromycetes)
- LILIUM:**
Botrytis elliptica (Deuteromycetes)
Colletotrichum lilieacearum (Deuteromycetes)
Tritirachium dependens (Deuteromycetes)
- LINUM:**
Colletotrichum lini (Deuteromycetes)
- LYCOPERSICON:**
Myrothecium roridum (Deuteromycetes)
- MACROZAMIA:**
Botryosphaeria ribis (Ascomycetes)
Pestalotia cycadis (Deuteromycetes)
- MAGNOLIA:**
Diaporthe eres (Ascomycetes)
Phyllosticta cooki (Deuteromycetes)
- MAHONIA:**
Cumminsella sanguinea (Promycetes)
- MALUS:**
Botryosphaeria ribis (Ascomycetes)
Leptothyrium pomi (Deuteromycetes)
Monilinia fructigena (Ascomycetes)
- MAMMILLARIA:**
Meloidogyne incognita (?) (Nematoda)
- MANGIFERA:**
Pestalotia virgatula (Deuteromycetes)
Phyllosticta mortoni (Deuteromycetes)
- MANIHOT:**
Diplodia theobromae (Deuteromycetes)
- MEDICAGO:**
Peronospora trifoliorum (Ascomycetes)
Pseudopeziza medicaginis (Ascomycetes)
Uromyces striatus var. *medicaginis* (Promycetes)
- MILTONIA:**
Microthyriella guianensis (Ascomycetes)
- MORAEA:**
Macrophomina phaseolina (Deuteromycetes)
- MORUS:**
Cercospora mori (Deuteromycetes)
- MUSA PARADISIACA:**
Cercospora musae (Deuteromycetes)
- MUSA PARADISIACA SAPIENTUM:**
Cercospora musae (Deuteromycetes)
Macrophoma musae (Deuteromycetes)
Meloidogyne incognita (Nematoda)
- NARCISSUS:**
Fusarium oxysporum f. *narcissi* (Deuteromycetes)
Ophiostoma narcissi (Ascomycetes)
- NERIUM:**
Pseudomonas tonelliana (Schizomycetes)
- ONCIDIUM:**
Macrophoma oncidii (Deuteromycetes)
Phyllosticta laeliae (Deuteromycetes)
Uredo oncidii (Promycetes)
- NOBRYCHIS:**
Pleospora herbarum (Ascomycetes)
- ORCHID:**
Diplodia paraphysaria (Deuteromycetes)
Pestalotia conspicua (Deuteromycetes)
Phyalospora orchidearum (Ascomycetes)
- ORNITHOGALUM:**
Heterosporium ornithogali (Deuteromycetes)
Puccinia ornithogali-thyrsoideis (Promycetes)
Sclerotium ornithogali (Deuteromycetes)
- ORYZA:**
Curvularia lunata (Deuteromycetes)
Entyloma oryzae (Promycetes)
Helminthosporium oryzae (Deuteromycetes)
Nigrospora sphaerica (Deuteromycetes)
Phaeosphaeria oryzae (Ascomycetes)
Pyrenochaeta oryzae (Deuteromycetes)
Sclerotium oryzae (Deuteromycetes)
Trematosphaerella oryzae (Ascomycetes)
- OSMANTHUS:**
Phyllosticta osmanthicola (Deuteromycetes)
- PAEONIA:**
"Peony virus"
Thielaviopsis basicola (Deuteromycetes)
- PALM:**
Aschersonia basiscystis (Deuteromycetes)
- PASPALUM:**
Cerebella andropogonis (Deuteromycetes)
Cerebella paspali (Deuteromycetes)
Claviceps paspali (Ascomycetes)
- PASTINACA:**
Meloidogyne incognita var. *acrita* (Nematoda)
- PERSEA:**
Botryosphaeria ribis (Ascomycetes)
Cercospora purpurea (Deuteromycetes)
Phoma persicae (Deuteromycetes)
- PHASEOLUS:**
Elsinoe phaseoli (Ascomycetes)
Uromyces phaseoli var. *typica* (Promycetes)

Hosts and Diseases—Continued

- HILODENDRON:**
Cercospora aricola (Deuteromycetes)
Colletotrichum philodendri (Deuteromycetes)
Memnoniella echinata (Deuteromycetes)
Phyllosticta philodendri (Deuteromycetes)
- HOENIX:**
Mycosphaerella washingtoniae (Ascomycetes)
Pestalotia palmarum (Deuteromycetes)
Phomopsis phoenicola (Deuteromycetes)
- HRAGMITES:**
Dasyscypha phragmiticola (Ascomycetes)
Fusarium phragmiticola (Deuteromycetes)
- ICEA:**
Phomopsis conorum (Deuteromycetes)
- INUS:**
Ceratostomella ips (?) (Ascomycetes)
Lophoderium pinastri (Ascomycetes)
Pestalotia funerea (Deuteromycetes)
Pestalotia peregrina (Deuteromycetes)
- PIPER:**
Cercospora piperis (Deuteromycetes)
- PISTACIA:**
Phleospora pistaciae (Deuteromycetes)
- PSUM:**
Pseudomonas seminum (Schizomycetes)
Sclerotinia minor (Ascomycetes)
- POA:**
Tilletia paradoxa (Promycetes)
- POGOSTEMON:**
Meloidogyne incognita var. *acrita* (Nematoda)
- PORTULACA:**
Albugo portulacae (Phycomycetes)
- PRIMULA:**
Ramularia primulae (Deuteromycetes)
- PROSOPIS:**
Gloeosporium leguminum (Deuteromycetes)
- PRUNUS DOMESTICA:**
Monilinia fruticola (Ascomycetes)
Monilinia fructigena (Ascomycetes)
- PRUNUS PERSICA:**
Coryneum carpophyllum (Deuteromycetes)
- PRUNUS SP. (cherry):**
Monilinia fructigena (Ascomycetes)
- PRUNUS SP.**
Trochila laurocerasi (Ascomycetes)
- PSIDIUM:**
Pestalotia psidii (Deuteromycetes)
- PUNICA:**
Cercospora lythracearum (Deuteromycetes)
Sphaceloma punicea (Deuteromycetes)
- PYRACANTHA:**
Fusicladium pyracanthae (Deuteromycetes)
- RHODODENDRON:**
Cercospora handelii (Deuteromycetes)
Ceuthospora lunata (Deuteromycetes)
Chrysomyza rhododendri (Promycetes)
Diplodina euhododendri (Deuteromycetes)
Gloeosporium rhododendri (Deuteromycetes)
Pestalotia macrotricha (Deuteromycetes)
Pestalotia rhododendri (Deuteromycetes)
Phyllosticta saccardoi (Deuteromycetes)
Septoria azaleae (Deuteromycetes)
- RIBES:**
Cronartium ribicola (Promycetes)
Pestalotia truncata (Deuteromycetes)
Septoria ribis (Deuteromycetes)
- ROSA:**
Coryneum microstictum (Deuteromycetes)
Hainesia lythri (Deuteromycetes)
Phragmidium disciflorum (Promycetes)
- RUSCUS:**
Leptosphaeria rusci (Ascomycetes)
- SALIX:**
Cryptodiaportha salicella (Ascomycetes)
- SANICULA:**
Physoderma pluriannullatum (Phycomycetes)
- SCHOMBURGKIA:**
Sphenospora kevorkianii (Promycetes)
- SCIRPUS:**
Puccinia oblecta (Promycetes)
- SECHIUM:**
Mycosphaerella citrullina (Ascomycetes)
- SENECIO:**
Coleosporium senecionis (Promycetes)
- SINNINIA:**
Thielaviopsis basicola (Deuteromycetes)
- SMYRNIUM:**
Puccinia smyrnii (Promycetes)
- SOIL:**
Heterodera avenae (Nematoda)
Heterodera cacti (Nematoda)
Heterodera punctata (Nematoda)
Heterodera rostochiensis (Nematoda)
Heterodera schachtii (Nematoda)
Heterodera trifolii (Nematoda)
Meloidogyne hapla (Nematoda)
- SOLANUM:**
Gliomastix convoluta (Deuteromycetes)
Meloidogyne arenaria (Nematoda)
Memnoniella echinata (Deuteromycetes)
Oospora pustulans (Deuteromycetes)
Trichoderma lignorum (Deuteromycetes)
- SORBUS:**
Gymnosporangium juniperi (Promycetes)
- SORGHUM:**
Ascochyta sorghina (Deuteromycetes)
Gloeocercospora sorghi (Deuteromycetes)
Sphacelotheca sorghi (Promycetes)
- SPATHYPHYLLUM:**
Macrophoma anthurii (Deuteromycetes)
- SPINACIA:**
Peronospora effusa (Phycomycetes)
- STACHYTARPHETA:**
Puccinia urbaniana (Promycetes)
- STYLOSANTHUS:**
Uredo stylosanthi (Promycetes)
- SYNGONIUM:**
Phyllachora engleri (Ascomycetes)
- TARAXACUM:**
Ramularia taraxaci (Deuteromycetes)
- THRINAX:**
Catacauma palmicola (Ascomycetes)
- TRIFOLIUM:**
Gymadotheca trifolii (Ascomycetes)
Uromyces trifolii (Promycetes)
- TRITICUM:**
Fusarium graminearum (Deuteromycetes)
Puccinia glumarum (Promycetes)
Puccinia graminis var. *tritica* (Promycetes)
Tilletia caries (Promycetes)
Tilletia foetida (Promycetes)
Ustilago tritici (Promycetes)
- TULIPA:**
Thielavia terricola (Ascomycetes)
- URGINEA:**
Alternaria porri (Deuteromycetes)
- VACCINIUM:**
Pucciniastrum vacciniorum (Promycetes)
Sporonema ozyococi (Deuteromycetes)
- VANDA:**
Hendersonia importata (Deuteromycetes)
- VANILLA:**
Uredo scabiei (Promycetes)
- VIBURNUM:**
Phyllosticta lentiginis (Deuteromycetes)
- VIOLA:**
Colletotrichum violae-tricoloris (Deuteromycetes)
Phyllosticta violae (Deuteromycetes)
Puccinia violae (Promycetes)
- VITIS:**
Pleospora herbarum (Ascomycetes)
- WATSONIA:**
Trichium dependens (Deuteromycetes)
- WISTERIA:**
Coniothyrium olivaceum (Deuteromycetes)
Diaportha eres (Ascomycetes)
- YUCCA:**
Pleospora thuemeniana (Ascomycetes)
- ZENOBIA:**
Ascochyta ledi (Deuteromycetes)
- ZINGIBER:**
Gliomastix convoluta (Deuteromycetes)
Melanospora zamiae (Ascomycetes)
Memnoniella echinata (Deuteromycetes)
Pythium bulleri (Phycomycetes)
Stilbum incarnatum (Deuteromycetes)
Tritirachium dependens (Deuteromycetes)

Hosts Unknown

- BARK:**
Schizophyllum commune (Basidiomycetes)

Countries of Origin and Diseases

AFGHANISTAN:

Tilletia caries
Ustilago hordei
Ustilago tritici

AFRICA:

Pseudopeziza medicaginis

ALGERIA:

Fusicladium depressum

ARGENTINA:

Claviceps paspali
Coleosporium senecionis
Elsinoe australis
Meloidogyne incognita (?)
Septoria citri

Ustilago bullata

Xanthomonas sp. (?) (Cancerosis "B")

AUSTRALIA:

Alternaria citri
Botryosphaeria ribis
Cerebella paspali
Colletotrichum lilieacearum
Cryptospora longispora
Leptosphaeria heterospora
Meloidogyne exigua
Meloidogyne javanica
Papulaspora parasitica
Pestalotia cycadis
Phoma citricarpa
Septoria citri
Sphaceloma fawcettii var. *scabiosa*

AUSTRIA:

Phomopsis conorum
Phyllosticta auerswaldii
Tilletia caries

AZORES:

Septoria dianthi

BELGIUM:

Heterodera punctata
Heterodera rostochiensis
Phyllosticta hedericola
Pseudomonas marginalis
Thielaviopsis basicola

BERMUDA:

Macrophoma anthurii
Pleospora thueneniana
Puccinia lantanae

BORNEO:

Macrophoma phaseolina

BRAZIL:

Cercospora coffeicola
Diplodia paraphysaria
Elsinoe australis
Pestalotia bromellicola
Septobasidium pseudopedicellatum
Uredo oncidii

BRITISH GUIANA:

Cercospora musae

BRITISH HONDURAS:

Phyllachora engleri

CANADA:

Botrytis gladiolorum
Coryneum microstictum
Cronartium ribicola
Cumminsella sanguinea
Fusarium oxysporum f. *gladioli*
Leptosphaeria heterospora
Lophoderium pinastri
Puccinia violae
Verticillium buxi
Volutella buxi

CANAL ZONE:

Catacauma palmicola
Meloidogyne incognita var. *acrita* (?)
Uredo scabies

CANARY ISLANDS:

Heterodera rostochiensis

CAPE VERDE ISLANDS:

Diplodia theobromae

CEYLON:

Meliola citricola
Xanthomonas citri

CHILE:

Meloidogyne arenaria

CHINA:

Botryosphaeria ribis
Collectotrichum graminicolum
Endoconidiophora adiposa
Gliomastix convoluta
Melanospora zamiae
Meliola citricola
Memnoniella echinata
Nigrospora sphaerica
Pestalotia lespedezae
Phoma citricarpa
Septoria citri
Xanthomonas citri

COSTA RICA:

Cercospora musae
Macrophoma musae
Microthyriella guianensis
Pestalotia conspicua
Phyllosticta philodendri

CUBA:

Asperisporium caricae
Elsinoe phaseoli
Helminthosporium oryzae
Uredo guacae (?)

DENMARK:

Cercospora anethi
 "Chrysanthemum virus Q"
Coniothyrium laburnophilum
Dasyscypha phragmiticola
Fusarium phragmiticola
Heterodera punctata
Heterodera rostochiensis
 "Tomato aspermy virus"

EGYPT:

Leprosia

ENGLAND:

Ceratostomella ips (?)
Chrysomyxa rhododendri
Colletotrichum heucherae
Colletotrichum lilieacearum
Colletotrichum violae-tricoloris
Coniothyrium hellebori
Diplodina eurhododendri
Fusarium oxysporum f. *gladioli*
Gloeosporium araucariae
Hendersonia sarmentorum
Heterodera avenae
Heterodera cacti
Heterodera punctata
Heterodera rostochiensis
Heterodera schachtii
Leptosphaeria heterospora
Leptothyrium gentianicola var. *olivaceum*
Monilinia fructigena
Oospora candidula var. *carpogena*
Puccinia arenariae
Pucciniastrum vacciniorum
Sporocybe tessulata
Sporonema ozyccoci
Trochila laurocerasi

ETHIOPIA:

Alternaria porri
Peronospora trifoliorum
Tilletia foetida
Uredo stylisanthis

EUROPE:

Heterodera punctata

FINLAND:

Oospora pustulans

FORMOSA:

Gliomastix convoluta
Melanospora zamiae
Memnoniella echinata
Stibum incarnatum
Xanthomonas citri

FRANCE:

Alternaria citri
Botryosphaeria berengeriana var. *araucariae*
Cryptodiaporthe salicella
Heterodera cacti
Heterodera punctata
Heterodera rostochiensis
Leptosphaeria heterospora

Countries of Origin and Diseases—Continued

FRANCE—Continued

Monilinia fructigena
Mycosphaerella fragariae
Puccinia myrsini
Sclerotium cepivorum
Septoria azaleae

FRENCH WEST AFRICA:

Meloidogyne incognita (?)

GERMANY:

Chrysomya rhododendri
Fusarium oxysporum f. *gladioli*
Heterodera cacti
Heterodera punctata
Heterodera rostochiensis
Meloidogyne hapla
Papulaspora dodgei
Pseudomonas marginata
Ramularia taraxaci
Sclerotinia kerneri

GREECE:

Pleospora herbarum
Pseudomonas syringae
Sclerotinia kerneri
Septoria unedonis
Uromyces trifolii

GUAM:

Diplodia coccocarpa
Phomopsis cocoes
Pythium butleri

GUATEMALA:

Gloeosporium piperatum
Macrophoma oncidii
Phyllosticta laeliae
Uredo guacae (?)
Uredo oncidii

HAITI:

Leprosia
Phyllosticta mortoni

HASHEMITE KINGDOM OF JORDAN:

Leptosphaeria heterospora
Macrophoma phaseolina

HAWAII:

Botryosphaeria ribis
Diplodia coccocarpa
Helminthosporium oryzae
Macrophoma cocos
Macrophoma musae
Melanospora zamiae
Pestalotia palmarum
Phomopsis capsici
Phomopsis cocoes
Sphaceloma fawcettii

HUNGARY:

Chrysomya rhododendri

INDIA:

Colletotrichum lilacearum
Curvularia lunata
Graphiola borassi
Helminthosporium oryzae
Meloidogyne arenaria
Meloidogyne incognita
Memnoniella echinata
Neocosmospora vasinfecta
Physalospora campylospora
Physalospora orchidearum
Physalospora wildebrandiana
Septoria posekensis
Tritirachium dependens
Xanthomonas citri

INDONESIA:

Nigrospora oryzae

IRELAND:

Discosia artocreas
Heterodera punctata
Heterodera rostochiensis
Ophiostoma narcissi
Phyllosticta hedericola

ISRAEL:

Claviceps purpurea

ITALY:

Cercospora beticola
Colletotrichum agaves
Diaporthe eres

ITALY—Continued

Fusicladium eriobotryae
Leptosphaeria rusci
Lophodermium juniperinum
Mycosphaerella citrullina
Phyllosticta masculiformis
Phylomonas tonelliana
Sclerotium cepivorum
Uromyces betae

Septoria citri

JAPAN:

Alternaria citri
Botrytis elliptica
Botrytis gladiolorum
Cercospora cryptomeriae
Colletotrichum lilacearum
Coniothyrium olivaceum
Diaporthe eres
Entyloma oryzae
Fusarium graminearum
Gliomasti convoluta
Gymnosporangium haraezanum
Helminthosporium oryzae
Leptosphaeria citricola
Lophodermium pinastri
Macrophoma phaseolina
Melanospora zamiae
Meliola citricola
Meloidogyne arenaria
Meloidogyne incognita
Meloidogyne incognita var. *acrita*
Meloidogyne javanica
Memnoniella echinata
Mycosphaerella schoenoprasii
Mycosphaerella washingtoniae
Nigrospora sphaerica
Papulaspora coprophila
Pestalotia funerea
Pestalotia guepini
Pestalotia palmarum
Pestalotia peregrina
Pestalotia rhododendri
Phaeosphaeria oryzae
Phoma citricarpa
Phoma gypsophilae
Phomopsis phoenicola
Phyllosticta camelliae
Puccinia chrysanthemi
Pyrenochaeta erysiphoides
Pyrenochaeta oryzae
Schizophyllum commune
Scirrhodopsis bambusae
Septoria chrysanthemi
Septoria citri
Sphaceloma fawcettii
Stilbum incarnatum
Thielavia terricola
Trichoderma lignorum
Tritirachium dependens
Uromyces phaseoli var. *typica*
Xanthomonas citri

JAVA:

Nigrospora sphaerica

KENYA:

Cerebella andropogonis

KOREA:

Pestalotia guepini
Sclerotium oryzae

LEBANON:

Puccinia hieracii

MALAYSIA:

Xanthomonas citri

MEXICO:

Albugo portulacae
Alternaria citri
Aschersonia basicystis
Ascochyta sorghina
Botryosphaeria agaves
Botryosphaeria ribis
Cercospora anthelmintica
Cercospora arachidicola
Cercospora aricola
Cercospora coffeicola

Countries of Origin and Diseases—Continued

MEXICO—Continued

Cercospora cordiae
Cercospora mori
Cercospora musae
Cercospora piperis
Cercospora purpurea
Colletotrichum agaves
Colletotrichum philodendri
Coniothyrium concentricum
Coniothecium citri
Coryneum carpophilum
Cucurbitaria frazini
Cucurbitaria lunata
Diplodia paraphysaria
Gliomastix convoluta
Gloeocercospora sorghi
Gloeosporium leguminum
Heterodera cacti
Leprosis
Leptosphaeria opuntiae
Leptothyrium pomi
Macrophoma musae
Meloidogyne arenaria
Meloidogyne incognita
Memnoniella echinata
Microdiplodia agaves
Monilinia fructicola
Mycosphaerella opuntiae
Myriangium duriae
Myrothecium roridum
Omphalia flvida
Panagrolaimus rigidus (?)
Peronospora effusa
Pestalotia conspicua
Pestalotia virgatula
Phoma persicae
Phoma pomorum
Phyllosticta cacti
Phyllosticta cookei
Phyllosticta gaultheriae
Phyllosticta mortoni
Physalospora camptospora
Physalospora orchidearum
Physoderma pluriannulatum
Puccinia oblecta
Septoria gladioli
Sphaceloma fawcettii
Sphaceloma puniceae
Stagonospora macrospora
Stemphylium botryosum
Tylenchus allii
Tylenchus putrefaciens
Uredo behnickiana
Uromyces striatus var. *medicaginis*

MOZAMBIQUE:

Phoma citricarpa

NATAL:

Phoma citricarpa

NETHERLANDS:

Ascochyta ledi
Botryosphaeria berengeriana
Botrytis gladiolorum
Cercospora handelii
Ceuthospora lunata
Coniothyrium cytisellum
Coniothyrium hellebori
Cryptodiaporthe salicella
Cylindrocarpum mali
Diaporthe cres
Diplodina leucothoes
Fusarium oxysporum
Fusarium oxysporum f. *gladioli*
Fusicladium pyracanthae
Gloeosporium rhododendri
Heterodera avenae
Heterodera punctata
Heterodera rostochiensis
Leptosphaeria heterospora
Meloidogyne hapla
Phomopsis hellebori
Phomopsis stictica
Phyllosticta lentaginis
Phyllosticta mahoniicola
Phyllosticta osmanthicola
 "Peony virus"

NETHERLANDS—Continued

Pestalotia macrotricha
Pestalotia rhododendri
Pestalotia truncata
Pseudomonas marginalis
Ramularia primulae
Sclerotium eonymi
Septoria azaleae
Thielaviopsis basicola
Trochila ilicis
Tubercularia vulgaris
Urocystis colchici
Verticillium buxi

NEW ZEALAND:

Cerebella andropogonis
Colletotrichum liliacearum
Heterodera trifolii
Heterosporium iridis
Leptosphaeria heterospora
Pestalotia quepini
Phoma iridina
Phyllosticta dracaenae
Septoria citri

NIGERIA:

Sphacelotheca sorghi

NICARAGUA:

Meloidogyne incognita

NORFOLK ISLAND:

Cryptospora longispora

NORWAY:

Fusarium oxysporum f. *narcissi*
Heterodera punctata
Septoria ribis

PALESTINE:

Leptosphaeria heterospora

PALMYRA ISLAND:

Echidnodes cocois

PANAMA:

Leprosis
Septoria citri
Sphenospora kevorkianii

PERU:

Heterodera rostochiensis

PHILIPPINES:

Melanospora zamiae
Meloidogyne incognita var. *acrita*
Phoma citricarpa
Xanthomonas citri

PORTUGAL:

Colletotrichum lini
Cymadothea trifolii
Phragmidium disciflorum
Pseudomonas semenium
Sclerotinia minor

PUERTO RICO:

Cercospora lythracearum
Puccinia urbaniana
Uredo jatrophicola

SALVADOR:

Trematosphaerella oryzae

SCOTLAND:

Heterodera avenae
Heterodera punctata
Heterodera rostochiensis
Phyllosticta saccardoii

SPAIN:

Alternaria citri
Hainesia lythri
Heterodera avenae
Heterodera punctata
Heterodera rostochiensis
Phytophthora parasitica
Pleospora herbarum
Puccinia glumarum
Puccinia graminis var. *tritici*
Septoria citri

SWEDEN:

Albugo tragopogonis
Gymnosporangium juniperi
Heterodera punctata
Heterodera rostochiensis
Monilinia fructigena
Phyllosticta violae

*Countries of Origin and Diseases—Continued***SWITZERLAND:**

Chrysomya rhododendri
Heterodera cacti
Puccinia arenariae
Puccinia gentianae

TAHITI:

Diplodia coccocarpa
Phomopsis cocoes

THAILAND:

Diplodia paraphysaria
Hendersonia importata
Phoma citricarpa
Xanthomonas citri

TRINIDAD:

Diplodia paraphysaria

TURKEY:

Leptosphaeria heterospora
Phlebospora pistaciae
Puccinia iridis
Ramularia beticola
Septoria gladioli
Tilletia paradoxa

UNION OF SOUTH AFRICA:

Cercospora protearum
Heterosporium ornithogali
Macrophomina phaseolina
Meloidogyne incognita var. *acrita*
Phoma citricarpa
Puccinia ornithogali-thyrsoidea
Sclerotium ornithogali
Septoria citri
Tritirachium dependens

**UNION OF SOVIET SOCIALISTIC
REPUBLICS:**

Selenophoma donacis

UNKNOWN:

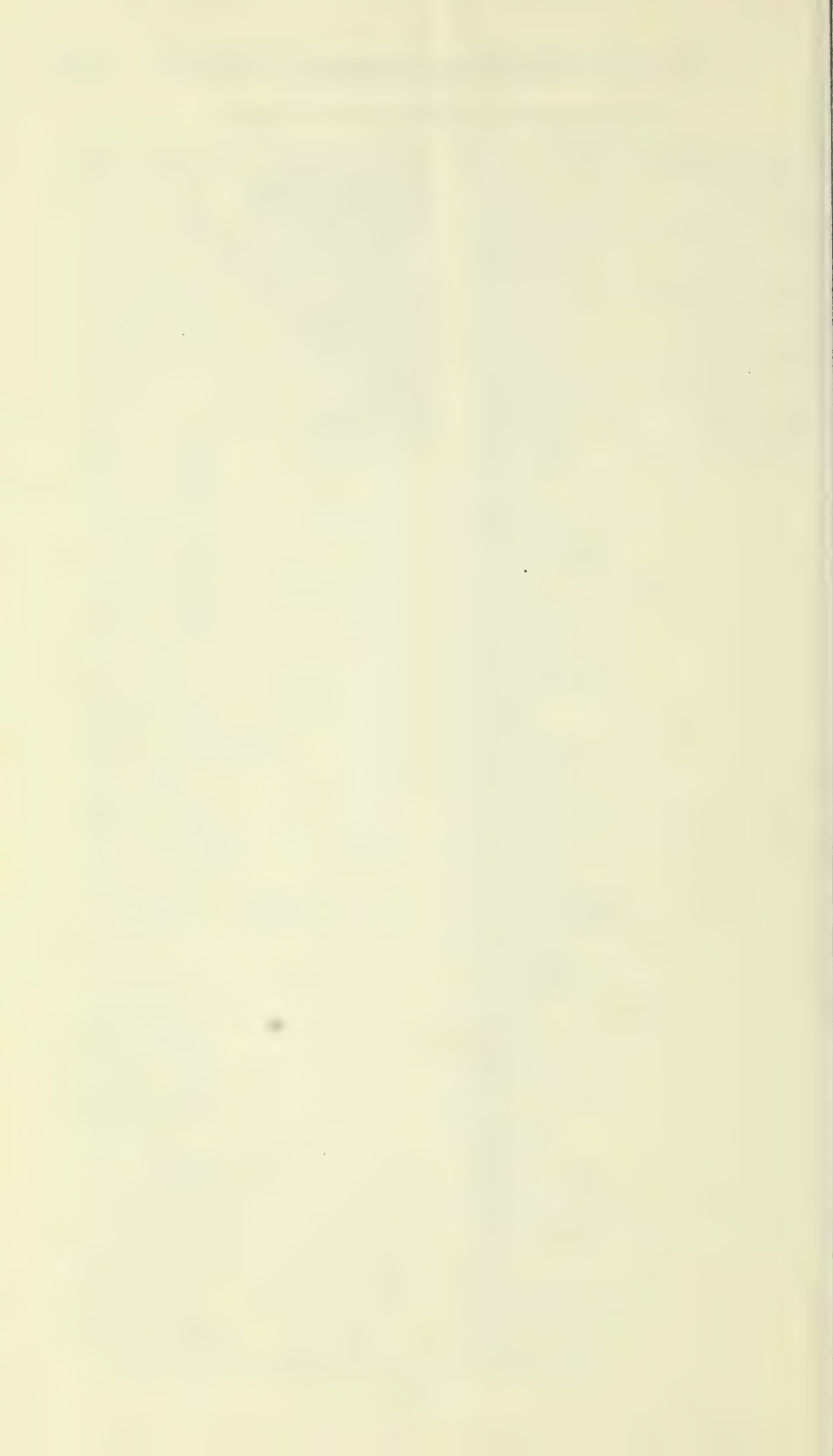
Elsinoe ausiralis
Heterodera punctata
Leprosis

URUGUAY:

Elsinoe australis

VENEZUELA:

Pestalotia psidii



UNITED STATES DEPARTMENT OF AGRICULTURE

AGRICULTURAL RESEARCH SERVICE

PLANT QUARANTINE BRANCH

SERVICE AND REGULATORY ANNOUNCEMENTS

LIST OF INTERCEPTED PLANT PESTS, 1953

List of Pests Recorded from July 1, 1952, through June 30, 1953 as Intercepted in, on, or with Plants and Plant Products Entering United States Territory.)

Compiled by

JUDITH HUNT

Plant Quarantine Aid

INTRODUCTION

This report summarizes the records of insect pests, plant pathogens, and certain other organisms found in, on, or with plants and plant products (1) imported, (2) offered for but refused entry, (3) held as ships' stores, etc., and hence not offered for entry through customs, (4) offered for entry for immediate transportation and exportation in bond, and (5) in domestic shipments between the American Virgin Islands, Hawaii, and Puerto Rico and the mainland. It covers the fortieth year for which interception lists have been issued.

Comprising this list are insects and plant diseases of known or potential plant quarantine importance with a few diseases of particular interest added even though they are rather widely distributed in the United States.

Some collections made late in the year are included in the report for the following year, since determinations cannot be obtained immediately for all of them. Occasionally determinations are delayed for longer periods. The data for this list were obtained from routine reports by personnel of the Plant Quarantine Branch supplemented by information supplied by State and Customs officials. The States of California and Florida maintain staffs of specialists who identify a large proportion of the material collected at their ports. Specialists of the Horticultural Crops Research Branch determine many of the difficult or unusual pathogens collected at the ports.

All scientific names are reviewed by appropriate specialists in the Department to assure conformance to the international rules of nomenclature.

Although every effort is made to give the correct origin for all collections listed, the alleged origin of all host-plant materials cannot be verified. Questionable items are therefore omitted or the origin is listed as unknown.

Since the great increase in air-cargo transportation, a proportionally large number of importations of various plants, plant products, seeds, fruits, rhizomes, corms, and bulbs have arrived rapidly from all parts of the world. The oat nematode is now included with the golden nematode and fruit flies in the category of the more important pests.

INTERCEPTIONS FROM AIR-BORNE MATERIAL

Important plant pests unknown in the United States were intercepted arriving from their native homes where they cause serious damage to agriculture. Some of the most injurious insects, nematodes, and plant diseases intercepted arrived in, on, or with air-borne fruits and plant material. During the year 3,529 interceptions of insects were made in baggage, express, freight, mail, and stores on imported plant parts or as stowaways and 444 interceptions of plant diseases.

Some important insects intercepted in air-borne material were:

Adoxophyes orana on cut flowers of lilac in cargo from Denmark, the Netherlands, and Sweden.

The citrus blackfly (*Aleurocanthus woglumi*) on lime leaf in baggage from Mexico.

Anastrepha fraterculus in guava in baggage from Mexico, in mango in baggage from Nicaragua; *A. ludens* in cherimoya in baggage from Honduras and in orange in baggage and quarters from Mexico; *A. mombinpraeoptans* in guava in baggage from Puerto Rico, in hog plum in baggage from Jamaica, in mangoes in baggage from the Bahamas, Costa Rica, Cuba, Dominican Republic, Guatemala, Haiti, Jamaica, Mexico, Nicaragua, Salvador, and Trinidad, in yellow mombins in baggage from Nicaragua and Salvador; *A. mombinpraeoptans* (?) in guava in baggage from Puerto Rico and in yellow mombin in baggage from Trinidad; *A. serpentina* in sapodilla in baggage from Guatemala; *A. striata* in guavas in baggage from Guatemala and Panama; *A. suspensa* in guavas in baggage and mail from Puerto Rico and in mango in baggage from Cuba.

Caryedon fuscus in golden-shower seed pod in preflight inspection of baggage leaving Hawaii for the mainland.

The Mediterranean fruit fly (*Ceratitis capitata*) in *Annona* sp. in baggage from the Madeira Islands, in apples in baggage from the Azores and Yugoslavia, in coffee berries in baggage from Brazil, in date in baggage from Lebanon, in guava in baggage from Portugal, in kaki persimmon in baggage from Italy, in loquats in baggage from the Madeira Islands and Portugal, in medlar in baggage from Italy, in orange in baggage from Malta, in orange in stores from an unknown origin, in peaches in baggage from France and Portugal, in peaches in stores from France and Spain, in pear in baggage from Portugal, in persimmon in baggage from Italy, in plum in stores from France, in pricklypear in baggage from Italy, and in quince in baggage from Turkey; *C. capitata* (?) in *Annona* sp. in baggage from the Azores, in apple and fig in baggage from Portugal, in guava in baggage from the Azores, in orange in stores from Israel, and in peach in baggage from Italy.

The Asiatic rice borer (*Chilo simplex*) in rice straw in baggage from Japan.

The banana root borer (*Cosmopolites sordidus*) in banana in baggage from Guadeloupe.

Cylas formicarius var. in sweetpotato in cargo from Thailand.

Dacus caudatus in fruit and seed of *Macrozanonia macrocarpa* in cargo from Indonesia; the Oriental fruit fly (*D. dorsalis*) in avocado, coffee, guava, India almond, and mango in preflight inspection of baggage leaving Hawaii for the mainland, in box of anthuriums in preflight inspection of cargo leaving Hawaii for the mainland; *D. dorsalis* (?) in mango in preflight inspection of baggage leaving Hawaii for the mainland; *D. oleae* in olive in baggage from Italy, Lebanon, Portugal, Spain, and Syria.

Dysdercus flavolimbatus on palm fronds in cargo from Mexico.

Epinotia opposita in string bean in baggage from Mexico.

Ereunetis flavistriata in coconut in preflight inspection of baggage leaving Hawaii for the mainland.

Presumably, the Oriental fruit moth (*Grapholitha molesta*) in peach in baggage from Japan.

A bean pod borer, *Maruca testulalis*, in a lei of mauna loa flowers in preflight inspection of baggage leaving Hawaii for the mainland.

Paraputo taraktogoni on *Curcuma amada* tuber in express from India.

The pink bollworm (*Pectinophora gossypiella*) in cottonseed in express from the American Virgin Islands, in cargo from Italian Somaliland, and in preflight inspection of cottonseed in baggage leaving Hawaii for the mainland, in okra in baggage from Haiti, Trinidad, and Turkey.

Polychrosis botrana in grapes in baggage from Germany and Italy.

Prays oleellus in olive in baggage from Italy.

Rhagoletis cerasi in cherries in baggage from France, Germany, and Italy, in

cherries in stores from France, Italy, the Netherlands, and Portugal; the apple maggot (*R. pomonella*) in apple in stores from Mexico.

The papaya fruit fly (*Toxotrypana curvicauda*) in papaya in baggage from Panama.

Interceptions of air-borne plant pathogens not believed to be established in the United States or of limited distribution were as follows:

Cercospora pini-densiflorae on Japanese white pine in cargo from Japan.

Coniothyrium hellebori on Christmas-rose in cargo from the Netherlands.

Cryptospora longispora on Norfolk-Island-pine in cargo from Australia.

Puccinia horiana on *Chrysanthemum morifolium* and *Chrysanthemum* sp. in baggage from Japan and on *Chrysanthemum* sp. in quarters from Japan; *P. kusanoi* on bamboo leaf in baggage from the Philippines; *P. ornithogali-thyrzoides* on chinkerichee in express from the Union of South Africa.

Urocystis gladiolicola on corms of *Gladiolus tristis* in mail from Ireland.

Uromyces alyxiae on alyxia in preflight inspection of baggage and cargo leaving Hawaii for the mainland.

Citrus canker (*Xanthomonas citri*) on lemon in baggage from Truk Islands.

Nematodes were also found in air-borne material as follows:

The oat nematode (*Heterodera avenae*) in soil with narcissus and galanthus bulbs and assorted plants in baggage from Germany, in soil with *Malus* sp. roots in cargo from Italy, in soil with geranium plants in baggage from Sweden, in soil with oleander plants in baggage from Yugoslavia; *H. punctata* in soil with carnation plants in baggage from Austria, in soil with delphinium plants in baggage from England, in soil with a beech tree in baggage from Ireland, in soil with unidentified plants in baggage from Italy; the golden nematode (*H. rostochiensis*) in soil with amaryllis bulbs in baggage from Denmark, in soil with lavender plants in baggage from England, in soil with potatoes in baggage from Germany, in soil with heather in baggage and mail from Scotland, in soil with miniature rose plants in baggage from Scotland.

NOTES ON INSECTS INTERCEPTED

FRUIT FLIES

The following fruit flies were intercepted:

Two adults of *Anastrepha distincta* with cargo shipment of bananas from Panama; *A. fraterculus* in orange in stores from Brazil, in mango in baggage from Mexico and in mango in air baggage from Nicaragua, in guava, peach, and pear in baggage from Mexico; *A. fraterculus* (?) in guava in air baggage from Nicaragua and in sapodilla in baggage from Venezuela; the Mexican fruit fly (*A. ludens*) in avocado, white sapote (*Casimiroa edulis*), citron, and grapefruit in baggage from Mexico, in cherimoya in air baggage from Honduras, in oranges in baggage and stores from Guatemala and Mexico, in oranges in air baggage, air quarters, quarters, and stores from Mexico, in garbage can (host unknown) from Mexico, in mangoes in baggage and stores from Mexico, in peach, pear, pomegranate, quince, sapote, sour orange, and sweet lime in baggage from Mexico; *A. ludens* (?) in orange in air baggage and in orange, pear, and sweet lime in baggage from Mexico; the West Indian fruit fly (*A. mombinpraeoptans*) in cashew nut in cargo from Tortola, in grapefruit in stores from Brazil, in guava in air baggage from Puerto Rico and in guava in baggage from Honduras, in mangoes in air baggage from the Bahamas, Costa Rica, Cuba, Dominican Republic, Guatemala, Haiti, Jamaica, Mexico, Nicaragua, Salvador, and Trinidad, in hog plum in air baggage from Jamaica, in jobo de la India in stores from Guadeloupe, in mangoes in baggage from Dominican Republic, Mexico, and Panama, in mango in mail from Puerto Rico, in mangoes in stores from Honduras, Mexico, and Nicaragua, in mango in quarters from Jamaica, in plum in baggage from Mexico, in purple mombin in cargo from the British Virgin Islands, in rumberry eugenia in cargo from Jost Van Dykes and Tortola, in yellow mombins in air baggage from Nicaragua and Salvador; *A. mombinpraeoptans* (?) in guava in air baggage from Puerto Rico and in yellow mombin in air baggage from Trinidad; *A. parallela* (?) in grapefruit in stores from Brazil; *A. serpentina* in mamey and mango in baggage from Mexico, in orange in stores from Brazil, in sapodilla in air baggage from Guatemala, and in sapodilla in baggage from Trinidad; *A. striata* in guavas in air baggage from Guatemala and Panama; *A. suspensa* in grapefruit in stores from Trinidad, in mango in air baggage from Cuba, in guavas in air baggage and air mail from Puerto Rico, and in guavas in baggage from Cuba and Mexico.

The Mediterranean fruit fly (*Ceratitis capitata*) in *Annona* sp. in air baggage from the Madeira Islands, in apples in air baggage from the Azores and Yugo-

slavia, in apple in baggage from Italy, in coffee berries in air baggage from Brazil and in coffee berries in baggage from Hawaii, in date in air baggage from Lebanon, in fig in mail from France, in grapefruit in stores from Egypt, in guava in air baggage from Portugal, in kaki persimmon in air baggage from Italy, in lemon in baggage from Italy, in loquats in air baggage from the Madeira Islands and Portugal, in Mandarin oranges in baggage and cargo from Italy, in medlar in air baggage from Italy, in orange in air baggage from Malta, in orange in baggage from Italy, in oranges in quarters from Italy and Spain, in orange in air stores from an unknown origin, in oranges in stores from Brazil, Italy, and Morocco, in peaches in air baggage from France and Portugal, in peaches in air stores from France and Spain, in pear in air baggage from Portugal, in pear in baggage from Italy, in persimmon in air baggage from Italy, in plum in air stores from France, in prickly-pear in air baggage and baggage from Italy, in quince in air baggage from Turkey, in quince in baggage from Greece and Italy, in strawberry guava in mail from the Azores; *C. capitata* (?) in *Annona* sp. in air baggage from the Azores, in apples in air baggage from the Azores and Portugal, in apple in baggage from the Union of South Africa, in coffee berries in air baggage from Brazil and in coffee berries in baggage from Hawaii, in fig in air baggage from Portugal, in grapefruit in stores from Italy, Mozambique, and the Union of South Africa, in guava in air baggage from the Azores, in loquat in mail from the Azores, in Mandarin orange in baggage from Israel, in orange in baggage from Malta, in orange in air stores from Israel, in oranges in stores from Italy, Morocco, Spain, and an unknown origin, in peaches in air baggage and baggage from Italy, in peach in stores from the Union of South Africa, in pear in baggage from Italy, in pepper in stores from Hawaii, in persimmon, pomegranate, and quince in baggage from Italy.

Dacus caudatus in *Macrozanonia macrocarpa* in air cargo from Indonesia; the melon fly (*D. curcubitae*) in balsam-pear in baggage from the Philippines, in cucumber, pepper, squash, and tomato in stores from Hawaii, in pumpkin in cargo from Hawaii; the Oriental fruit fly (*D. dorsalis*) in avocado in air baggage, mail, and stores from Hawaii, in coffee berries, guava, and India almond in preflight inspection of baggage leaving Hawaii for the mainland, in a box of anthuriums in preflight inspection of cargo leaving Hawaii for the mainland, in guava in baggage and quarters from Hawaii, in mango in preflight inspection of mail leaving Hawaii for the mainland, in tomato in stores from Hawaii, 2 adults in an airplane leaving Hawaii for the mainland; *D. dorsalis* (?) in mango in preflight inspection of baggage leaving Hawaii for the mainland; *D. oleae* in olives in air baggage from Italy, Lebanon, Portugal, Spain, and Syria, in olive in baggage and mail from Italy.

Rhagoletis cerasi in cherries in air baggage from France, Italy, and Germany, in cherries in air stores from France, Italy, the Netherlands, and Portugal; *R. cerasi* (?) in cherry in air baggage from Italy, *R. pomonella* in apples in baggage and air stores from Mexico, in thornapple in baggage from Mexico; *R. pomonella* (?) in apple in baggage from Mexico.

The papaya fruit fly (*Toxotrypana curvicauda*) in papaya in air baggage from Panama, in papaya in cargo from Mexico, and in papaya in stores from Trinidad.

INSECTS OTHER THAN FRUIT FLIES

The following miscellaneous insects of interest were intercepted:

Acrolepia assectella (Hyponomeutidae) in garlic in stores from France.

The citrus blackfly (*Aleurocanthus woglumi*) on leaves of *Citrus* sp. in baggage, cargo, and stores from Mexico, on coffee leaf, grapefruit leaf, leaf of Mandarin orange, orange leaf, and sweet lime leaf in baggage from Mexico and on sour lime leaves in cargo and stores from Mexico.

A curculionid, *Anthonomus rectirostris*, with seed of *Prunus serrulata lannesiana* in mail from Japan.

Antonina graminis (Coccidae) on Bermuda grass in mail from Mexico.

Three curculionids, *Apion aenum* and *A. radiolus* in hollyhock mallow in baggage from Italy and *A. carduorum* in globe artichoke in stores from France and Italy.

Brachycerus albidentatus (Curculionidae) in garlic in baggage and cargo from Italy and *B. algirus* in garlic in cargo from Italy and Spain.

A bruchid, *Bruchus luteicornis*, in vetch seed in cargo from France.

An olethreutid, *Cryptophlebia leucotreta*, in grapefruit and orange in stores from Belgian Congo and the Union of South Africa and in pummelo in quarters and stores from the Union of South Africa.

Cylas formicarius (Curculionidae) in sweetpotatoes in cargo and air stores from India and in sweetpotato in stores from the Straits Settlements; *C. formicarius* var. in sweetpotato in air cargo from Thailand.

A curculionid, *Diaprepes famelicus* var., on cut flowers of hibiscus and lilies in baggage from Bermuda.

Dyspessa ulula (Cossidae) in garlic in cargo from Italy and Spain.

A bean pod borer, *Epinotia opposita*, in string beans in baggage, cargo, and stores from Mexico and in string beans in stores from Peru and Uruguay.

A gelechiid, *Gnorimoschema borsaniella* (?) in pepper in stores from Brazil.

A phalaenid, *Gortyna flavago*, in cardoon in cargo from Italy.

Gymnandrosoma aurantianum (Olethreutidae) in orange in stores from Brazil.

Leucinodes orbonalis (Pyraustidae) in eggplant in stores from the Cape Verde Islands.

A curculionid, *Lixus junci*, in beet in stores from Egypt.

Phyllotreta consobrina (Chrysomelidae) and *P. undulata* in cabbage in stores from France; *P. nigripes* in watercress in air stores from France.

Polychrosis botrana (Olethreutidae) in grapes in air baggage from Germany and Italy.

Prays oleellus (Hyponomeutidae) in olive in air baggage from Italy.

A chrysomelid, *Psylliodes chrysocephala*, in turnip in stores from France.

Rhynchaenus populi (Curculionidae) on lilac in cargo from the Netherlands.

A pentatomid, *Scotinophora lurida*, with rice straw packing in cargo from Japan.

Sesamia cretica (Phalaenidae) in broomcorn in cargo from France, Greece, Italy, and Turkey.

Stenoma catenifer (Stenomidae) in avocado seed in air baggage, baggage, quarters, and stores from Mexico.

A scolytid, *Stephanoderes hampei*, in coffee in mail from Belgian Congo, Brazil, and an unknown origin.

Tortrix excessana (Tortricidae) and *T. postvittana* in apples in cargo from New Zealand.

Vinsonia stellifera (Coccidae) on *Broughtonia* sp. in air cargo from Jamaica, on *Garcinia* sp. in mail from the Canal Zone, and on several different orchids, all for propagation, from the Canal Zone, Jamaica, Panama, Trinidad, and Venezuela.

SNAILS

The giant African snail (*Achatina fulica*) continues to be intercepted with scrap metal and returned war equipment from the South Pacific. Five interceptions were made at San Francisco, Calif., on returned war equipment from Guam, the Philippines, and Saipan, 5 at San Pedro, Calif., on scrap metal and returned war equipment from Guam, and one at Houston, Tex., on scrap army vehicles from Guam or Saipan.

Other injurious snails intercepted and not known to be established in some states were:

Bradybaena similis with *Anthurium* sp. flowers and tree fern block in preflight inspection of baggage leaving Hawaii for the mainland, with ti leaves during preflight inspection of cargo leaving Hawaii for the mainland and with *Billbergia* sp., fern chips, and *Heliconia* sp. blossoms during preflight inspection of mail leaving Hawaii for the mainland; at Philadelphia, Pa., with celery in stores from Lebanon.

Deroceras reticulatum at Boston, Mass., with cabbage in stores from England, with a stalk of fennel in stores from Belgium and in soil with assorted plants in air baggage from the Azores; at Honolulu, Hawaii with *Cymbidium* sp., an orchid, in air cargo from Australia, with unknown leaves in air baggage from Japan, with lettuce in air quarters from the Philippines; at New York, N. Y., with lettuce in stores from Portugal; at Miami, Fla., with Araceae plants in air baggage from Costa Rica; at New Orleans, La., with cabbage in stores from Spain; at Philadelphia, Pa., with celery in stores from the Netherlands and with cabbage in stores from Italy, New Zealand, and Spain.

Helix aspersa with cut flowers during preflight inspection of baggage leaving Hawaii for the mainland; at Nogales, Ariz., with agave plants in baggage from Mexico.

Limax marginatus at Honolulu, Hawaii with *Chaenomeles* sp. in air baggage from Japan and with cabbage in stores from Spain; *L. maximus* at Philadelphia, Pa., with cabbage in stores from Italy.

Monacha obstructa, not in the United States and probably injurious, at San Pedro, Calif., with vegetables in stores from Lebanon (?).

NOTES ON DISEASES INTERCEPTED

Japan continues to be the origin of the greatest number of interceptions (120) of citrus canker (*Xanthomonas citri*), 74 of which were on oranges, 19 on lemons, 10 on grapefruit, 6 on Mandarin oranges, 3 each on sour oranges and *Citrus* sp., 2 each on pummelo and *Citrus aurantium* var., and 1 on sour lime. Eleven interceptions came from China, 3 on Mandarin oranges and 8 on oranges. India contributed 4 interceptions, all on sour limes. Korror Island had 2 interceptions, 1 on lime and the other one on orange. Two interceptions on oranges arrived from unknown origin. One came from Ceylon on sour lime, 1 on lemon from Truk Islands, 1 on lemon peel from the Philippines, 1 on orange peel from Saipan, and 1 on lime from the Marianas.

"Cancrosis B" (*Xanthomonas* sp. (?)), another bacterial disease of citrus producing symptoms similar to citrus canker, was intercepted 4 times on lemon in stores from Argentina.

Chrysomyxa rhododendri, a spruce and rhododendron rust, was intercepted 13 times on *Rhododendron ferrugineum* from Switzerland and once from Austria, twice on *Rhododendron* sp. from Switzerland, and once on *R. azaleodendron* from England.

The sweet orange fruit scab (*Elsinoe australis*) was intercepted 107 times. Of these interceptions 42 were from Argentina, 57 from Brazil, 1 from Paraguay, and 7 from Uruguay, on lemon, Mandarin orange, orange, sour lime, and sour orange.

Other interceptions were:

Cercospora angreci on *Odontioda madeline*, an orchid, in cargo from Belgium; *C. handelii* on rhododendron in cargo from Belgium and the Netherlands; *C. pinidensiflorum* on Japanese white pine in air cargo from Japan; *C. rhododendri* on rhododendron in cargo from the Netherlands.

Coleosporium bletiae on *Phajus wallichii*, an orchid, in mail from India.

Coniothyrium cytisellum on *Laburnum watereri* and *Laburnum* sp. in cargo from the Netherlands, *C. hellebori* on *Helleborus lividus* in cargo from England, on *H. niger* in mail from England, and on *Helleborus* spp. in cargo and air cargo from the Netherlands; *C. viburni* on *Viburnum burkwoodi* in cargo from the Netherlands.

Cryptospora longispora on Norfolk-Island-pine in air cargo from Australia.

Gymnosporangium haraeaeum on Chinese juniper in cargo and mail from Japan and on juniper in air baggage from Japan; *G. sabinae* on *Juniperus chinensis pfitzeriana* in cargo from Germany; *G. yamadai* on apple in stores from Japan.

Macrophomina phaseolina on gladiolus in cargo from Japan, on iris rhizome in mail from Turkey, and on *Ixia* spp. in mail from the Union of South Africa.

Ochropsora kraunhiae on wisteria leaf in baggage from Japan.

Phakopsora desmii on cotton leaf in baggage from the Dominican Republic.

Physalosporina sutherlandiae on *Sutherlandia frutescens* in mail from the Union of South Africa.

Puccinia aeluropi on stem and leaf of *Aeluropus* sp. in mail from Turkey; *P. horiana* on *Chrysanthemum morifolium* and *Chrysanthemum* sp. in air baggage and air quarters from Japan; *P. kalchbrenneriana* on chinkerichiee in mail from the Union of South Africa; *P. kusanoi* on leaf of *Bambusa* sp. in air baggage from the Philippines; *P. longicornis* on bamboo leaf in baggage from China; *P. ornithogalithyroides* on chinkerichiee in air express and mail from the Union of South Africa; *P. tetragonia* var. *austroafricana* on *Tetragonia arbuscula* in mail from the Union of South Africa; *P. vagans* on *Epilobium* sp. leaf in mail from Turkey.

Sphaceloma fawcetti var. *scabiosa* on lemon in stores from Australia and in quarters from New Zealand.

Thecopsora areolata on Norway spruce in baggage from Norway.

Urocystis gladiolicola on corms of *Gladiolus tristis* in air mail from Ireland.

Uromyces alyxiae on alyxia in air baggage and air cargo from Hawaii; *U. mulini* on seed pod of *Mulina* sp. in mail from Argentina.

The golden nematode (*Heterodera rostochiensis*) was intercepted in soil associated with potatoes as well as with various materials other than its normal hosts. Among these were used burlap bagging, yam roots, and unauthorized plants with soil about their roots. It was also found in soil collected from railway cars used to haul potatoes in Mexico, which represented the first evidence of its occurrence in that country. It was taken 35 times from England, 25 times from Scotland, 9 times from Germany, 4 times from Denmark, 3 times from Mexico, twice each from Ireland, the Netherlands, and Peru, and once each from Austria, France, Luxembourg, and Wales.

The oat nematode (*Heterodera avenae*) which is causing considerable damage to cereals and oats in Europe was intercepted in soil with various lots of unauthorized plant material, with vegetables in ships' stores, in sand used as ballast, and in

soil with bagging. Of these interceptions 8 were from England, 7 from Germany, 6 from Scotland, 4 each from France and Spain, 3 each from Italy and the Netherlands, 2 from Mexico, and one each from Belgium, Gibraltar (?), Ireland, Sweden, Union of South Africa, Wales (?), and Yugoslavia.

INCOMPLETELY DETERMINED PESTS

In certain instances a complete determination as to species of nematodes, insects, and fungi is impossible, either due to the condition of the material on arrival, or because the pests belong to genera new to the host or new to the country of origin. Some such pests may be of economic importance and new or hitherto unknown to the United States.

INSECTS

Among the incompletely determined insects were the following fruit flies:

Anastrepha sp., possibly *fraterculus*, at Houston, Tex., and at Philadelphia, Pa., in grapefruit in stores from Argentina; at New Orleans, La., in orange in stores from Argentina; at New York, N. Y., in oranges in stores from Argentina and Brazil; at Seattle, Wash., in *Spondias* sp. in air mail from Nicaragua; *Anastrepha* sp., probably *ludens*, at Brownsville, Tex., in orange and sweet lime in baggage from Mexico; at Eagle Pass, Tex., in orange in baggage from Mexico; at El Paso, Tex., in mango, orange, and sapote in baggage from Mexico; at Galveston, Tex., and Houston, Tex., in oranges in quarters from Mexico; at Laredo, Tex., in orange, peach, and pear in baggage from Mexico; *Anastrepha* sp., probably *mombin-praeoptans*, at Brownsville, Tex., in mango in baggage from Mexico; at Laredo, Tex., in guava in baggage from Mexico; at Mobile, Ala., in mango in stores from Honduras; at New Orleans, La., in mango in baggage from either Cuba or Salvador; at New York, N. Y., in mango in baggage from an unknown origin and in *Spondias* sp. in stores from Brazil; *Anastrepha* sp., probably *serpentina*, at Brownsville, Tex., in mamey in baggage from Mexico; *Anastrepha* sp., probably *suspensa*, at Hidalgo, Tex., in guava in baggage from Mexico.

Anastrepha sp., at Baltimore, Md., in oranges in stores from Brazil and Trinidad; at Brownsville, Tex., in a box car from Mexico and in apple, mango, and orange in baggage from Mexico; at El Paso, Tex., in mango in air baggage from Mexico; at Laredo, Tex., in guava in cargo from Mexico and in mango, peach, and pear in baggage from Mexico; at Miami, Fla., in mangoes in air baggage from Colombia, Costa Rica, Honduras, and Salvador, in mango in baggage from Peru, in pear in air baggage from Peru, and in tree seed in air baggage from Cuba; at New Orleans, La., in *Inga* sp. (?) in air baggage from Salvador and in passionflower in air baggage from Nicaragua; at New York, N. Y., in allspice and mangoes in air baggage from Jamaica and Puerto Rico and in orange in air stores from Argentina; at Nogales, Ariz., in mango in baggage from Mexico; at Port Arthur, Tex., in orange in quarters from Mexico; at San Juan, P. R., in mango in preflight inspection of baggage leaving Puerto Rico for the mainland; at San Pedro, Calif., in guava in air baggage from Salvador and in yellow mombin in air baggage from Guatemala; at Tampa, Fla., in orange in air baggage from Guatemala.

Dacus sp., probably *cucurbitae*, at Houston, Tex., in tomato in stores from Hawaii; *Dacus* sp., probably *oleae*, at New York, N. Y., in olive in baggage from Italy; *Dacus* sp. at Washington, D. C., in mango in airplane garbage from Thailand.

Rhagoletis sp., probably *cerasi*, at Boston, Mass., in plum in air stores from Portugal.

Tephritis sp. (Tephritidae) at New York, N. Y., in compositae flower seed in mail from Italy.

Thirty-six interceptions which could be identified to family only (Tephritidae) were intercepted at National Airport, Arlington, Va., in apple in stores from Iceland; at Baltimore, Md., in grapefruit in stores from the Union of South Africa; at Boston, Mass., in fig and *Tuber* sp. (truffle) in air baggage from Italy and in peach in air stores from Portugal; at Eagle Pass, Tex., in mango in baggage from Mexico; at Galveston, Tex., in apple in garbage can from Japan and in basket with apples in stores from Peru, in orange in stores from Peru, in orange in quarters from the Union of South Africa, and in squash in stores from Egypt; at Houston, Tex., in pummelo in quarters from the Union of South Africa; at Honolulu, Hawaii in mango and *Passiflora* sp. in preflight inspection of baggage leaving Hawaii for the mainland; at Honolulu, Hawaii on straw flower in air baggage from the Philippines, in coffee berry in preflight inspection of baggage leaving Hawaii for the mainland, in papaya in air stores from Fiji, in coffee berry in preflight

inspection of mail leaving Hawaii for the mainland; at Miami, Fla., in seeds of an unknown fruit in air mail from India; at New Orleans, La., in orange in stores from Argentina; at New York, N. Y., in apples in air stores from Germany and Mexico, in coffee berry in air baggage from Brazil, in grape in cargo from the Union of South Africa, in *Passiflora* sp., in air baggage from Brazil, in pepper in stores from the Straits Settlements, and in persimmon in baggage from Italy; at Norfolk, Va., (one pupa) in soil with carrots in stores from the Netherlands; at Philadelphia, Pa., with compositae cut flowers in furnishings from Cuba, in orange in stores from Argentina, in orange in quarters from Sierra Leone, and in pepper in stores from the Union of South Africa; at San Francisco, Calif., in cucumber in stores from Hawaii and in *Passiflora* sp. in quarters from Hawaii; at San Juan, P. R., in apple in baggage from Spain; at Washington, D. C., in *Crataegus monogyna* in mail from Turkey.

Other incompletely determined insects worthy of mention were:

Adoxoplatus (Pentatomidae), new species, at Laredo, Tex., with an orchid plant in cargo from Mexico.

An aleyrodid, Aleurodicinae, new genus near *Aleurodicus*, at Laredo, Tex., on *Laelia* sp., an orchid, in cargo from Mexico.

Andaspis (Coccidae), new species, at San Francisco, Calif., on hibiscus in air freight from New Guinea.

Aphthona sp., probably *ovata* Foudr. (Chrysomelidae), at New York, N. Y., on lilac and viburnum in air cargo from the Netherlands.

Autoserica sp. (Scarabaeidae) at Seattle, Wash., in soil around juniper plants in baggage from Japan; at San Pedro, Calif., in soil with plants in baggage from Japan; and at Honolulu, Hawaii, in soil with bamboo plants in air baggage from Japan.

Baris sp. (Curculionidae) at Philadelphia, Pa., in beet in stores from France (?), at Brownsville, Tex., with gladiolus in air cargo from Mexico and in turnip in stores from Belgium.

Blastodacna sp., may be *atra* Haw. (Blastodacnidae), at New York, N. Y., in apple in mail from Germany.

Brachyrhinus sp. (Curculionidae) at Hoboken, N. J., in packing with rhododendron plants in cargo from the Netherlands; at Houston, Tex., in dahlia stalk in baggage from the Netherlands; at New York, N. Y., in roots of a cyclamen plant in baggage from the Netherlands; and at Seattle, Wash., in soil with *Chamaecyparis* sp. in express from the Netherlands.

Carposina sp., may be *schirrhosella* (H.-S.) (Carposinidae), at Washington, D. C. in rose hips in mail from Turkey.

A coccid, *Chrysomphalus* sp., close to *tenax* McKenzie, but distinct and not placed yet as anything described, at San Pedro, Calif., on bark of avocado in express and mail from Guatemala.

Cladius sp., probably *difformis* (Panz.) (Tenthredinidae), at Hoboken, N. J., on rose in mail from England and at New York, N. Y., on rose in air baggage from England.

Cleonus sp. (Curculionidae) at New York, N. Y., in carrot in stores from Italy.

Epicaerus sp. (Curculionidae) at Brownsville, Tex., in potatoes in baggage and stores from Mexico; at Galveston, Tex., Houston, Tex., Mobile, Ala., New Orleans, La., and New York, N. Y., in potatoes in stores from Mexico.

A phalaenid, *Eublemma* sp., probably *anticalis* (Wlk.), at Washington, D. C., on stem of *Asparagus falcatus* in express from Natal, Africa.

Fessonia sp. (Smaridiidae) at New York, N. Y., on yam root in air cargo from the Union of South Africa. This represents the first specimen in the Museum Collection from the Union of South Africa.

A gelechiid at Nogales, Ariz., in fiber of *Populus* sp., in mail from Mexico. "A most interesting species (lies between *Pectinophora* and *Platyedra*) and probably represents a new genus * * *. The species of this group usually feed in Malvaceae so your species is the more interesting because of its departure from this habit."

Gnorimoschema sp., near or = *ocellatella* Boyd, at New York, N. Y., and Norfolk, Va., in beets in stores from Egypt and at Philadelphia, Pa., in beets in stores from Egypt, France, and Italy.

Helipus sp., probably *lauri* Boh., at El Paso, Tex., in avocado seed in air express from Mexico.

Laspeyresia sp., near or = *strobilella* (L.) (Olethreutidae), at Boston, Mass., in Norway spruce in mail from Germany.

Lecanium sp., may be *kunoensis* Kuw. (Coccidae), at San Diego, Calif., on a dwarf tree of *Pyrus* sp. in baggage from Japan.

Lixus sp. (Curculionidae) at Boston, Mass. and Galveston, Tex., in beetles in stores from Egypt; at Laredo, Tex., in cactus plant in mail from Mexico; and at Philadelphia, Pa., in beetles in stores from France and Italy.

Lorryia (Tydeidae), a new species, at Miami, Fla., on leaf and bark of *Citrus* sp. in air baggage from Argentina.

An otitid, "an extremely unusual larva", at New York, N. Y., in mango in baggage from Trinidad.

Parlatoria sp. (Coccidae), "apparently not identical with anything yet described", at Washington, D. C., on mango budwood in air express from India.

Phytomyza sp., possibly *atricornis* Mg., at Philadelphia, Pa. in parsnip in stores from Italy.

Platypus sp., probably *rugulosus* Chap. (Platypodidae), at Baltimore, Md., in mahogany log in cargo from Gold Coast, Africa.

Prodecatoma (Eurytomidae), new species, at Washington, D. C., with grape seed in mail from Colombia.

A curculionid, *Premnotrypes* sp., at Galveston, Tex., in potatoes in stores from Colombia and Peru; at New York, N. Y., in potatoes in air baggage and stores from Colombia; at Philadelphia, Pa., in potato in stores from Peru; and at Port Arthur, Tex., in potato in stores from Ecuador.

A coccid, *Pseudantonina* sp., or a related genus and probably undescribed, at Washington, D. C., on *Eragrostis neesii* plant in mail from Brazil.

Psylliodes sp. (Chrysomelidae) at Galveston, Tex., in cabbage and cauliflower in stores from England; at Philadelphia, Pa., in cabbage in stores from Japan; at Galveston, Tex., in rutabaga in stores from Ireland; at Philadelphia, Pa., in rutabaga in stores from England; at New York, N. Y., in radish in stores from Belgium (?) and in turnip in stores from France; at Galveston, Tex., in turnips in stores from Denmark, England, France, and Mozambique; at Houston, Tex., in turnips in stores from England, France, Greece, and Italy; at Mobile, Ala., in turnips in stores from England and Italy; at New Orleans, La., in turnip in stores from Germany; at Norfolk, Va., in turnip in stores from England; at Philadelphia, Pa., in turnips in stores from Egypt and England; and at San Francisco, Calif., in turnip in stores from England.

Rhynchites sp. (Curculionidae) at New York, N. Y., in cherry in air baggage from Lebanon.

Serica sp. (Scarabaeidae) at San Francisco, Calif., in soil with iris roots in mail from Japan

Sesamia sp., near or = *vutera* (Stoll) (Phalaenidae), at New York, N. Y., in corn in baggage from Portugal.

Stenoma sp., probably *catenifer* Wlsm. (Stenomidae), in avocado seed in air baggage from Salvador.

A mirid, Termatophylinae, new genus and new species, at Laredo, Tex., on Bromeliad plant in mail from British Honduras.

Thrips sp., probably *robustus* Pr. (Thripidae), at Portland, Oreg., on stemless gentian in mail from Switzerland.

Xyleborus spp. (Scolytidae) at Baltimore, Md., in *Khaya* sp. log in cargo from Gold Coast, Africa.

There were 2,304 interceptions distributed among 593 genera, which could be identified to genus only.

DISEASES

Suspected pathogens, some probably new to this country, determined to genus only were:

Ascochyta sp. at Honolulu, Hawaii, on scarlet ixora in air cargo from Australia; at Boston, Mass., on alfalfa in cargo from Kenya, Africa; at Brownsville, Tex., on palm frond in air cargo from Mexico and at San Francisco, Calif., on eggplant in stores from Japan.

Camarosporium sp. at El Paso, Tex., on cactus plant in baggage from Mexico; at Honolulu, Hawaii, on lemon in air baggage from Australia, at Brownsville, Tex., on *Laelia gouldiana*, an orchid, in air cargo from Mexico.

Ceratospheeria sp. at Brownsville, Tex., on *Odontoglossum insleayi*, an orchid, in air cargo from Mexico.

Ceratostomella sp. at Hoboken, N. J., on *Dendrobium heterocarpum*, an orchid, in mail from India; at Philadelphia, Pa., on *Inga laurina* in air baggage from Puerto Rico.

Cercospora sp. at Brownsville, Tex., on palm frond in air cargo from Mexico; at Philadelphia, Pa., on pine in mail from Germany.

Cladosporium sp., close to *miyakei* Sacc. & Trotter, at San Juan, P. R., on rice straw in mail from Greece.

Claviceps sp., close to *inconspicua* Langdon, at Washington, D. C., on *Hyparrhenia lintonii* in mail from Kenya, Africa; *Claviceps* sp., probably *inconspicua* Langdon; at Washington, D. C., on *Hyparrhenia* sp. in mail from Madagascar.

Coleosporium sp. at Buffalo, N. Y., on pine needles in baggage from Canada.

Colletotrichum sp. at Laredo, Tex., on philodendron in cargo from Mexico.

Coniothyrium sp., probably *fuckelii* Sacc., at Miami, Fla., on citrus stem in baggage from Argentina; *Coniothyrium* sp., probably *stanhopeae* P. Henn., on *Cattleya citrina*, an orchid, in mail from Mexico; *Coniothyrium* sp. at El Paso, Tex., on avocado in baggage from Mexico; at San Francisco, Calif., on coconut in stores from the Philippines; at San Diego, Calif., on coconut in baggage from Panama; at Baltimore, Md., on lemon in stores from the Union of South Africa; at Hoboken, N. J., on *Nidularium* sp. in cargo from France; at Honolulu, Hawaii, on *Notospartium carmicheliae* in air cargo from New Zealand; at Philadelphia, Pa., on pineapple in quarters from Sierra Leone; at Seattle, Wash., on rhododendron leaf in baggage from Canada; at San Pedro, Calif., on rice seed in air baggage from Nicaragua.

Curvularia sp., probably *lunata* (Pat.) Howell, at Brownsville, Tex., on pineapple in cargo from Mexico; *Curvularia* sp. at Brownsville, Tex., on pineapple in cargo from Mexico.

Cyphella sp., suggests *hydrocyphella* Pilat, at Brownsville, Tex., on banana in cargo from Guatemala.

Dothiorella sp. at New York, N. Y., on orange in baggage from Japan.

Endoconidiophora sp., close to *fimbriata* (Ell. & Halst.) Davidson or *paradoxa* Dade, at New Orleans, La., on malanga in stores from Cuba.

Hypoderma sp. at Philadelphia, Pa., on arborvitae twig in stores from Japan.

Leprosis at Honolulu, Hawaii, on Mandarin orange in air baggage from Japan; at Laredo, Tex., on orange in baggage from Mexico.

Libertiella sp. at Miami, Fla., on citrus stem in baggage from Argentina.

Mycosphaerella sp. at Honolulu, Hawaii, on scarlet ixora in air cargo from Australia; at Honolulu, Hawaii, on *Piper methysticum* in air baggage from the Philippines; at San Francisco, Calif., on tree peony in mail from Japan.

Ophiobolus sp. at San Francisco, Calif., on coconut in baggage from Hawaii, in mail from Samoa, and in quarters from the Philippines.

Parodiella sp., probably *grammodes* (Kunze) Cke., at Washington, D. C., on *Antheophora pubescens* in mail from Transvaal.

Pestalotia sp. at San Antonio, Tex., on *Chamaedorea* sp. in air cargo from Mexico; at Laredo, Tex., on philodendron in cargo from Mexico.

Phragmocarpella sp. at Honolulu, Hawaii, on *Eucalyptus* sp. in baggage from Japan.

Phyllosticta sp. at Honolulu, Hawaii, on *Myrtus bullata* in air cargo from New Zealand and on scarlet ixora in air cargo from Australia.

Phyllostictina sp. at Seattle, Wash., on *Areca alicae* in mail from the Canal Zone; at Laredo, Tex., on *Beaucarnea* sp. in cargo from Mexico; at San Francisco, Calif., on *Coelogyne* sp., an orchid, in mail from the Philippines; at San Francisco, Calif., on dracena leaf in baggage from Hawaii; at Philadelphia, Pa., on *Eurya japonica* leaf in furnishings from Japan; at Laredo, Tex., on green pepper in cargo from Mexico.

Phytophthora sp. at Hoboken, N. J., on *Cattleya* sp., an orchid, in cargo from Venezuela; at New York, N. Y., on orange in stores from Italy.

Platypeltella sp. at El Paso, Tex., on palm in baggage from Mexico.

Puccinia sp., new species, at Boston, Mass., on bamboo leaf in mail from China.

Pyrenochaeta sp. at Washington, D. C., on *Sutherlandia frutescens* in mail from the Union of South Africa.

Sclerotium sp. at Seattle, Wash., on *Lithospermum* sp. in mail from England; at Seattle, Wash., on *Magnolia* sp. and rhododendron in cargo from the Netherlands; at Seattle, Wash., on tree peony in cargo from France.

Scolecopeltidium sp. at Laredo, Tex., on *Epidendrum* sp., an orchid, in cargo from Mexico.

Septoria sp. at Washington, D. C., on *Jacquinia pungens* in mail from Mexico.

Stemphylium sp. at Brownsville, Tex., on gladiolus in air cargo from Mexico; at Houston, Tex., on gladiolus in air baggage from Mexico.

Ustilago sp., probably *sphaerogena* Burr., on *Echinochloa crusgalli* seed in mail from Madagascar.

Verticillium sp. at Brownsville, Tex., on papaya in stores from Mexico.

Incompletely determined nematodes worthy of mention were:

Anguina sp. at Washington, D. C., in *Calamagrostis longearistata* (grass) in

mail from Brazil and in *Ehrharta calycina* in mail from the Union of South Africa. *Aphelenchus* sp., undescribed, at Hoboken, N. J., in roots of *Helleborus* sp. in air cargo from the Netherlands.

Chiloplacus, new species, at Hoboken, N. J., in *Helleborus* sp. in cargo from the Netherlands.

Ditylenchus, new species, at Hoboken, N. J., in *Colchicum* sp. (corm) in mail from England—an interesting form but not the species usually found in colchicum. *Ditylenchus* sp., at El Paso, Tex., in garlic in cargo from Mexico; at Hoboken, N. J., in giant autumn-crocus and *Kniphofia* sp. in cargo from the Netherlands and in iris bulbs in mail from England.

Helicotylenchus sp. at San Juan, P. R., in soil with roots of mango trees in air cargo from Martinique, in soil with *Ixora decora* and other plants in air cargo from Honduras, and in soil with orchid plants in air baggage from Trinidad.

Heterodera sp. was intercepted 404 times at 16 different ports in soil with bagging, in soil attached to army vehicles, soil used as ballast, in soil with surplus army motor transmission, in soil with plants for propagation, in soil with vegetables in ships' stores, and in soil with plants in baggage and cargo—some coming in by air. Interceptions were made from soil on material coming from the following countries: Argentina, Australia, Austria, Azores, Belgium, Chile, Denmark, Egypt, England, Finland, France, Germany, Greece, Ireland, Israel, Italy, Japan, Lebanon, Luxembourg, Mexico, the Netherlands, New Zealand, Norway, Portugal, Scotland, Spain, Sweden, Switzerland, Trinidad, Union of South Africa, and Yugoslavia.

What appears to be a new species of *Meloidogyne*, closely related to *M. exigua* Goeldi, at Hoboken, N. J., in roots of *Sedum praealtum* in baggage from Guatemala; *Meloidogyne*, some resemblance to *M. hapla* Chitwood, but obviously a new species, at Philadelphia, Pa., in potato in stores from Cuba; *Meloidogyne*, possibly a new species, related to *M. incognita* (Kofoed & White) Chitwood, at Boston, Mass., in potato in stores from Chile; *Meloidogyne* sp., of the *incognita* group but a new form, in roots of *Synadenium* sp. in mail from the Union of South Africa; *Meloidogyne*, possibly a new species, resembling somewhat *M. javanica* (Treub.) Chitwood, at Philadelphia, Pa., in potato in stores from Brazil.

Nemonchus sp. at San Juan, P. R., in soil with tree roots of mango in air cargo from Martinique.

Neotylenchus, possibly a new species, on fungi on *Malus* root in cargo from the Netherlands.

Paraphelenchus sp. at Philadelphia, Pa., in taro in stores from Japan.

Paratylenchus sp. at Hoboken, N. J., in root of delphinium in air cargo from the Netherlands.

Tetylenchus, new species, at Nogales, Ariz., in soil with cactus plants in cargo from Mexico.

Tylencholaimus sp. at San Juan, P. R., in soil with roots of *Ixora decora* and other plants in air cargo from Honduras.

A total of 825 incompletely determined pathogens were recorded during the year.

Summary of Numbers of Interceptions Listed in Main Table

Country	Insect	Disease	Country	Insect	Disease
	Number	Number		Number	Number
Africa:			Europe—Continued		
Algeria.....	3	1	Spain.....	23	13
Anglo-Egyptian Sudan.....	1	0	Sweden.....	11	5
Angola.....	1	0	Switzerland.....	3	18
Belgian Congo.....	3	0	Turkey.....	11	19
British East Africa.....	1	1	Wales.....	0	2
Cape Verde Islands.....	2	0	Yugoslavia.....	5	2
Egypt.....	3	0	North America:		
Gold Coast.....	1	0	Bermuda.....	43	2
Italian Somaliland.....	2	0	Canada.....	6	11
Kenya.....	0	3	Canal Zone.....	58	8
Liberia.....	1	0	Central America.....	1	0
Madagascar.....	2	1	British Honduras.....	1	0
Madeira Islands.....	5	0	Costa Rica.....	18	5
Morocco.....	6	1	Guatemala.....	30	12
Mozambique.....	1	1	Honduras.....	5	3
Natal.....	0	1	Nicaragua.....	16	3
Sierra Leone.....	1	1	Panama.....	50	2
Tanganyika.....	0	3	Salvador.....	24	1
Transvaal.....	2	0	Iceland.....	0	1
Union of South Africa.....	35	33	Mexico.....	858	116
Asia:			West Indies.....	1	0
China.....	8	72	American Virgin Islands.....	2	0
Formosa.....	5	2	Antigua.....	5	0
India.....	86	6	Bahamas.....	5	1
Indonesia.....	3	0	Barbados.....	3	0
Israel.....	7	2	British Virgin Islands.....	1	0
Japan.....	275	522	British West Indies.....	4	0
Korea.....	1	0	Cuba.....	74	3
Lebanon.....	6	1	Curaçao.....	2	0
Straits Settlements.....	1	0	Dominica.....	1	0
Syria.....	1	0	Dominican Republic.....	6	2
Thailand.....	6	4	Grenada.....	1	0
Australasia:			Guadeloupe.....	2	0
Australia.....	57	52	Haiti.....	8	0
Ceylon.....	1	1	Jamaica.....	35	2
Fiji Islands.....	4	0	Jost Van Dykes.....	4	0
Guam.....	11	4	Martinique.....	2	0
Hawaii.....	355	13	Montserrat.....	1	0
Korror Island.....	0	4	Nevis.....	7	0
Kwajalein.....	2	0	Puerto Rico.....	19	5
Marianas.....	0	1	St. Kitts.....	2	0
New Zealand.....	5	16	St. Martin.....	1	0
Okinawa.....	0	1	Tortola.....	10	0
Palmyra Islands.....	1	0	Trinidad.....	30	3
Philippines.....	26	6	South America:		
Saipan.....	4	1	Argentina.....	11	52
South Pacific.....	0	1	Brazil.....	31	64
Sumatra.....	1	0	British Guiana.....	2	0
Tahiti.....	2	2	Chile.....	18	4
Truk Island.....	0	2	Colombia.....	12	1
Wake.....	1	0	Ecuador.....	27	21
Yap Island.....	0	2	Paraguay.....	1	1
Europe:			Peru.....	4	3
Austria.....	0	5	Uruguay.....	1	10
Azores.....	18	1	Venezuela.....	16	1
Belgium.....	11	18	Total:		
Czechoslovakia.....	0	1	Africa.....	70	46
Denmark.....	8	9	Asia.....	399	609
England.....	41	98	Australasia.....	470	102
Europe.....	0	1	Europe.....	587	488
Finland.....	1	0	North America.....	1,336	184
France.....	33	20	South America.....	123	156
Germany.....	42	31	Unknown.....	16	2
Gibraltar (?).....	0	1	Total.....	3,001	1,587
Greece.....	10	3	Total incompletely deter-	2,304	825
Hungary.....	2	0	mined pests.....		
Ireland.....	15	10	Total insect interceptions.....	5,305	-----
Italy.....	223	38	Total disease intercep-		2,412
Luxembourg.....	0	1	tions.....		
Majorica.....	0	1	Grand total.....		17,717
Malta.....	2	1			
Netherlands.....	65	146			
Norway.....	2	5			
Portugal.....	31	3			
Scotland.....	30	36			

¹ This total represents only pests of known or potential plant-quarantine importance. The total of all interceptions made during the year was 16,567.

NOTE.—Interceptions were also made from Afghanistan, Burma, Canton Island, Eniwetok, Ethiopia, French West Africa, Indo-China, Iran, Iraq, Johnston Island, Midway, New Guinea, Nigeria, Northern Ireland, St. Vincent, Samoa (American), Surinam, Tasmania, and Tunisia.

Pests (insects) collected and reported from July 1, 1952, to June 30, 1953

[An asterisk indicates State inspection]

Insect and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
<i>Achatina fulica</i> Fer. (Mollusca): Returned war equipment.....	Guam, Philippines, Saipan. Guam.....	10 1			Calif.*, Tex. Calif.*
<i>Acrolepia assectella</i> (Zell.) (Hyponomeutidae): <i>Allium porrum</i> (leek).....	France.....		1		N. Y.
<i>Acronicta rumicis</i> (L.) (Phalaenidae): <i>Rhododendron</i> sp.....	England.....			1	Wash.
<i>Adoretus sinicus</i> Burm. (Scarabaeidae): Airplane.....	Hawaii.....		7		Guam, Hawaii.
<i>Alpinia</i> sp. (red ginger).....	do.....	1			Hawaii.
<i>Anthurium</i> sp.....	do.....	1			Hawaii.
<i>Adorophyes orana</i> (F. R.) (Tortricidae): <i>Cistus purpureus</i> (orchidspot rockrose).....	England.....			1	N. J.
<i>Syringa</i> sp. (lilac).....	Denmark, Netherlands, Sweden.....	18			N. Y.
<i>Aganactesis indecora</i> Dyar (Galleriidae): <i>Cassia fistula</i> (golden-shower).....	Cuba.....			1	Fla.
<i>Cassia</i> sp.....	Venezuela.....	1			N. Y.
<i>Aglossa cuprealis</i> (Hbn.) (Pryalididae): Herb.....	Azores.....	1			Mass.
<i>Hyacinthus orientalis albulus</i> (Roman hyacinth).....	Italy.....			1	N. Y.
<i>Lilium candidum</i> (Madonna lily).....	do.....			2	N. Y.
Paper wrapping around sausage.....	Azores.....	1			Mass.
<i>Aleurocanthus woglumi</i> Ashby (Aleyrodidae): <i>Citrus aurantifolia</i>	Mexico.....	11			Calif.*, Tex.
<i>Citrus aurantifolia</i> (sour lime).....	do.....	6	1		Calif.*, Tex.
<i>Citrus aurantifolia</i> (sweet lime).....	do.....	1			Tex.
<i>Citrus paradisi</i> (grapefruit).....	do.....	1			Ariz.
<i>Citrus reticulata</i> (Mandarin orange).....	do.....	1			Tex.
<i>Citrus sinensis</i> (orange).....	do.....	7			Ariz., Calif.*, Tex.
<i>Citrus</i> sp.....	do.....	12	1		Tex.
<i>Coffea</i> sp. (coffee).....	do.....	3			Tex.
<i>Aleuroglandulus emmae</i> Rsl. (Aleyrodidae): <i>Psidium</i> sp., probably <i>guajava</i>	do.....			1	Ariz.
<i>Aleurolobus rhododendri</i> Takah. (Aleyrodidae): <i>Rhododendron</i> sp.....	Formosa.....			1	Calif.*
<i>Aleuroplatus denticulatus</i> Bondar (Aleyrodidae): Leaf—unidentified.....	Ecuador.....	1			Calif.*
<i>Aleurothricus floccosus</i> (Mask.) (Aleyrodidae): <i>Citrus aurantifolia</i>	Cuba.....	1			Fla.*
<i>Citrus sinensis</i> (orange).....	Guatemala.....	1			Tex.
<i>Aleurothricus myrtacei</i> Bondar (Aleyrodidae): Herb.....	St. Kitts.....	1			Mass.
<i>Aleurotrachelus trachoides</i> (Back) (Aleyrodidae): <i>Caladium</i> sp.....	Mexico.....	1			Tex.
Palm.....	do.....	2			Tex.
<i>Aleurotuberculatus similis</i> Takah. (?) (Aleyrodidae): <i>Vaccinium</i> sp.....	Sweden.....			1	Wash.
<i>Aleyrodes proletella</i> (L.) (Aleyrodidae): Plant—unidentified.....	Portugal.....			1	Mass.
<i>Allantus cinctus</i> (L.) (Tenthredinidae): <i>Kerria</i> sp.....	Netherlands.....			1	N. J.
<i>Malus sylvestris</i> (apple).....	Norway.....		1		Pa.
<i>Alloxacis dorsalis</i> Melsh. (Oedemeridae): <i>Solanum tuberosum</i> (potato).....	Mexico.....	1			Tex.
<i>Alpheias conspirata</i> Hein. (Galleriidae): <i>Ananas comosus</i> (pineapple).....	do.....	5			Tex.
<i>Amorbia emigratella</i> (Busck) (Tortricidae): <i>Annona cherimola</i> (cherimoya).....	do.....	1			Tex.
<i>Cordylone terminalis</i> (ti).....	Hawaii.....	1			Hawaii.
Flowers—assorted.....	Hawaii, Mexico.....	3			Hawaii, Tex
Orchid.....	Mexico.....			1	Tex.
<i>Punica granatum</i> (pomegranate).....	Hawaii.....	1			Hawaii.
<i>Anaphothrips corbeti</i> Pr. (Thripidae): <i>Dendrobium</i> sp. (orchid).....	India.....			1	N. J.
<i>Vanda</i> sp. (orchid).....	Hawaii.....	1			Hawaii.
<i>Anaphothrips orchidaceus</i> Bagn. (Thripidae): Orchid.....	Colombia, Guatemala, Mexico.....	1		2	N. Y., Tex., Wash.

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<i>Anastrepha distincta</i> Greene (Tephritidae):					
Unknown	Panama	1			Wash.
<i>Anastrepha fraterculus</i> (Wied.) (Tephritidae):					
<i>Citrus sinensis</i> (orange)	Brazil		1		La.
<i>Mangifera indica</i> (mango)	Mexico, Nicaragua	2			Tex.
<i>Prunus persica</i> (peach)	Mexico	1			Tex.
<i>Psidium guajava</i> (guava)	do	1			Tex.
<i>Pyrus communis</i> (pear)	do	2			Tex.
<i>Anastrepha fraterculus</i> (Wied.) (?) (Tephritidae):					
<i>Achras zapota</i> (sapodilla)	Venezuela	1			N. Y.
<i>Psidium guajava</i> (guava)	Nicaragua	1			Calif.*
<i>Anastrepha ludens</i> (Loew) (Tephritidae):					
<i>Annona cherimola</i> (cherimoya)	Honduras	1			Calif.*
<i>Casimiroa edulis</i> (white sapote)	Mexico	2			Tex.
<i>Citrus aurantifolia</i> (sweet lime)	do	10			Tex.
<i>Citrus aurantium</i> (sour orange)	do	1			Tex.
<i>Citrus medica</i> (citron)	do	1			Tex.
<i>Citrus paradisi</i> (grapefruit)	Guatemala, Mexico	6			Tex.
<i>Citrus sinensis</i> (orange)	do	155	13		Ariz., Calif., La., N. Y., Tex.
<i>Cydonia oblonga</i> (quince)	Mexico	3			Tex.
In garbage can	do	1			Tex.
<i>Mangifera indica</i> (mango)	do	44	1		Ariz., Calif., Calif.*, Tex.
<i>Persea americana</i> (avocado)	do	2			Tex.
<i>Prunus persica</i> (peach)	do	1			Tex.
<i>Punica granatum</i> (pomegranate)	do	1			Tex.
<i>Pyrus communis</i> (pear)	do	5			Tex.
Sapote	do	1			Tex.
<i>Anastrepha ludens</i> (Loew) (?) Tephritidae):					
<i>Citrus aurantifolia</i> (sweet lime)	do	1			Tex.
<i>Citrus sinensis</i> (orange)	do	2			Tex.
<i>Pyrus communis</i> (pear)	do	1			Tex.
<i>Anastrepha mombinpraeoptans</i> Sein (Tephritidae):					
<i>Anacardium occidentale</i> (cashew)	Tortola	1			St. Thomas & St. John.
<i>Citrus paradisi</i> (grapefruit)	Brazil		1		Tex.
<i>Eugenia floribunda</i> (rumberry eugenia)	Jost Van Dykes, Tortola	3			St. Croix, St. Thomas & St. John.
<i>Mangifera indica</i> (mango)	Bahamas, Costa Rica, Cuba, Dominican Republic, Guatemala, Haiti, Honduras, Jamaica, Mexico, Nicaragua, Panama, Puerto Rico, Salvador, Trinidad.	99	4		Ala., Ariz., Calif., Calif.*, Fla.* Ill., La., N. Y., P. R., Tex.
<i>Prunus domestica</i> (plum)	Mexico	1			Calif.
<i>Psidium guajava</i> (guava)	Honduras, Puerto Rico	4			N. Y., P. R.
<i>Spondias cytherea</i> (jobo de la India)	Guadeloupe		1		St. Thomas & St. John.
<i>Spondias mombin</i> (yellow mombin)	Jamaica, Nicaragua, Salvador.	13			Fla.* Calif.*
<i>Spondias purpurea</i> (purple mombin)	British Virgin Islands	1			St. Thomas & St. John.
<i>Anastrepha mombinpraeoptans</i> Sein (?) (Tephritidae):					
<i>Psidium guajava</i> (guava)	Puerto Rico	1			P. R.
<i>Spondias mombin</i> (yellow mombin)	Trinidad	1			N. Y.
<i>Anastrepha parallela</i> (Wied.) (?) (Tephritidae):					
<i>Citrus paradisi</i> (grapefruit)	Brazil		1		Tex.
<i>Anastrepha serpentina</i> (Wied.) (Tephritidae):					
<i>Achras zapota</i> (sapodilla)	Guatemala, Trinidad	2			La., N. Y.
<i>Citrus sinensis</i> (orange)	Brazil		1		N. Y.
<i>Mammea americana</i> (mamey)	Mexico	3			Tex.
<i>Mangifera indica</i> (mango)	do	4			Tex.
<i>Anastrepha striata</i> Schiner (Tephritidae):					
<i>Psidium guajava</i> (guava)	Guatemala, Panama	2			La.

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<i>Anastrepha suspensa</i> (Loew) (Tephritidae):					
<i>Citrus paradisi</i> (grapefruit)	Trinidad		1		N. Y.
<i>Mangifera indica</i> (mango)	Cuba	1			N. Y.
<i>Psidium guajava</i> (guava)	Cuba, Mexico, Puerto Rico	5			Fla., Fla.*, P. R., Tex.
<i>Anchonus foveifrons</i> Champ. (Curculionidae):					
Orchid	Guatemala			1	Tex.
<i>Ancylostomia stercorea</i> (Zell.) (Phycitidae):					
<i>Cajanus cajan</i> (pigeonpea)	Bahamas, Canal Zone, Martinique, Puerto Rico, Tortola, Trinidad	9			N. Y., P. R., St. Thomas & St. John, Tex.
Leguminosae pod	Panama	1			Calif.*
<i>Anisolabis marginalis</i> (Dohrn) (Labiduridae):					
<i>Chaenomeles</i> sp.	Japan			1	Hawaii.
<i>Anomala cuprea</i> Hope (Scarabaeidae):					
Airplane	do		1		Hawaii.
<i>Anomala viridana</i> Kolbe (Scarabaeidae):					
Airplane	Wake Island		1		Hawaii.
<i>Anthonomus rectirostris</i> (L.) (Curculionidae):					
<i>Prunus serrulata lannesiana</i>	Japan			1	Calif.*
<i>Antonia graminis</i> (Mask.) (Coccidae):					
<i>Cynodon dactylon</i> (Bermuda grass)	Mexico	1			Ariz.
<i>Anuraphis tulipae</i> (Fonc.) (Aphidae):					
<i>Apium graveolens</i> (celery)	Norway		1		Pa.
<i>Gladiolus</i> sp.	Netherlands			2	N. J.
<i>Iris reticulata</i> (netted iris)	England			1	N. J.
<i>Iris susiana</i> (mourning iris)	do			1	N. J.
<i>Iris</i> sp.	England, Netherlands			4	N. J.
<i>Tulipa</i> sp. (tulip)	England, Germany, Netherlands			4	N. J., N. Y.
<i>Aonidiella citrina</i> (Coq.) (Coccidae):					
<i>Citrus reticulata</i> (Mandarin orange)	Japan	1			Hawaii.
<i>Citrus sinensis</i> (orange)	do		1		Hawaii.
<i>Philodendron</i> sp.	Philippines		1		Calif.*
<i>Aonidiella inornata</i> McKenzie (Coccidae):					
<i>Alpinia</i> sp. (red ginger)	Hawaii	1			Hawaii.
<i>Citrus limon</i> (lemon)	Fiji (?)		1		Hawaii.
<i>Cocos nucifera</i> (coconut)	Philippines		1	1	Calif.*
<i>Aphanus umbrosus</i> (Dist.) (Lygaeidae):					
<i>Gladiolus</i> sp.	Mexico	1			Tex.
<i>Aphis viburni</i> (Scop.) (?) (Aphidae):					
<i>Viburnum</i> sp.	Netherlands	1			N. Y.
<i>Apion aeneum</i> F. (Curculionidae):					
<i>Malva alcea</i> (hollyhock mallow)	Italy			1	N. Y.
<i>Apion carduorum</i> Kby. (Curculionidae):					
<i>Cynara scolymus</i> (globe artichoke)	France, Italy	1	2		N. Y., Tex.
<i>Galanthus</i> sp.	Denmark			1	N. Y.
<i>Apion fuscirostre</i> F. (Curculionidae):					
<i>Cytisus nigricans</i>	Belgium			1	N. Y.
<i>Apion pomonae</i> F. (Curculionidae):					
<i>Vicia sativa</i> (vetch)	Germany, Portugal	2			Mass., N. Y.
<i>Apion radiolus</i> Kirby (Curculionidae):					
<i>Malva alcea</i> (hollyhock mallow)	Italy			1	N. Y.
<i>Apogonalia stali</i> (Sign.) (Cicadellidae):					
Airplane	Mexico		2		Tex.
<i>Argyresthia confjugella</i> (Zell.) (Hyponomeutidae):					
<i>Malus sylvestris</i> (apple)	Sweden	1			N. Y.
<i>Aspidiotus bilobis</i> Mask. (Coccidae):					
Grass	Formosa	1			Calif.*
<i>Aspidiotus braunschvigii</i> Rungs (tentative identification) (Coccidae):					
<i>Olea europaea</i> (olive)	Italy	1			N. Y.
<i>Aspidiotus britannicus</i> Newst. (Coccidae):					
<i>Ruscus</i> sp.	do			1	N. J.
<i>Aspidiotus coryphae</i> Ckll. & Rob. (Coccidae):					
<i>Cocos nucifera</i> (coconut)	Philippines	1			Calif.*
<i>Aspidiotus degeneratus</i> (Leon.) (Coccidae):					
<i>Camellia japonica</i> (camellia)	Japan			1	Hawaii.
<i>Eurya japonica</i>	do		1		Pa.

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<i>Aspidiotus destructor</i> Sign. (Coccidae):					
<i>Cocos nucifera</i> (coconut)	Barbados, Brazil, Canal Zone, Costa Rica, Cuba, Mexico, Panama, Salvador.	9	1	1	Calif.* , Fla.* , Mass., N. J.
<i>Latania loddigesi</i> (silver latania)	Japan		1		Calif.*
<i>Livistona</i> sp. (fan palm)	India		1		Pa.
Palm	Japan		2		Calif.* , N. Y.
<i>Persea americana</i> (avocado)	Cuba	1			N. Y.
<i>Trachycarpus excelsa</i> (?)	Japan		1		Pa.
<i>Aspidiotus diffinis</i> Newst. (Coccidae):					
<i>Persea americana</i> (avocado)	Mexico			1	Tex.
<i>Prunus domestica</i> (plum)	do	1			Ariz.
<i>Aspidiotus herculeanus</i> Ckll. & Hadd. (Coccidae):					
<i>Mangifera indica</i> (mango)	Ceylon			1	D. C.
<i>Persea americana</i> (avocado)	Costa Rica		1		Calif.*
<i>Spondias mombin</i> (yellow mombin)	Salvador	1			Calif.*
<i>Aspidiotus palmarum</i> Ckll. (Coccidae):					
<i>Calathea</i> spp.	Philippines			1	Calif.*
<i>Cocos nucifera</i> (coconut)	Ecuador		1		Calif.*
Plant—unidentified	Antigua	1			St. Croix
<i>Aspidiotus pectinatus</i> Ldgr. (tentative) (Coccidae):					
<i>Celtis</i> sp.	Union of South Africa			1	D. C.
<i>Aspidiotus pseudomeyeri</i> Kuw. (tentative) (Coccidae):					
<i>Chamaecyparis</i> sp.	Japan			1	Calif.*
<i>Aspidiotus zonatus</i> Frauenf. (Coccidae):					
<i>Quercus heterophylla</i>	England			1	N. J.
<i>Asterolecanium agavis</i> Rsl. (Coccidae):					
<i>Yucca</i> sp.	Mexico			1	Ariz.
<i>Asterolecanium bambusae</i> (Bdv.) (Coccidae):					
Bamboo	Nevis	1			Mass.
<i>Bambusa</i> sp. (bamboo)	Hawaii	1		1	Calif.* , Hawaii.
<i>Asterolecanium degeneratum</i> Rsl. (Coccidae):					
<i>Cocos nucifera</i> (coconut)	Brazil			1	N. J.
<i>Asterolecanium epidendri</i> (Bouche) (Coccidae):					
<i>Antigonon leptopus</i> (rosa-de-montana)	Canal Zone			1	Calif.*
<i>Chamaedorea</i> sp. (palm)	Mexico	2			Calif.* , Tex.
<i>Epidendrum</i> sp. (orchid)	do			1	Tex.
<i>Laelia</i> sp. (orchid)	Mexico			1	Tex.
<i>Operculina tuberosa</i>	Canal Zone			1	Calif.*
Orchid	do			1	Calif.*
<i>Philodendron</i> sp.	Mexico			1	Tex.
<i>Stanhopea</i> sp. (orchid)	Canal Zone			1	Calif.*
<i>Asterolecanium inlabefactum</i> Rsl. (Coccidae):					
<i>Chamaedorea</i> sp. (palm)	Mexico	1			Tex.
Palm	do	1			Tex.
<i>Asterolecanium milaris milaris</i> (Bdv.) (Coccidae):					
Bamboo	Nevis	1			Mass.
Grass	St. Kitts	1			Mass.
<i>Asterolecanium milaris robustum</i> Green (Coccidae):					
Bamboo	Montserrat, Nevis	2			Mass.
<i>Asterolecanium pustulans</i> (Ckll.) (Coccidae):					
<i>Codiaeum</i> sp. (croton)	Hawaii	1			Hawaii.
Cuttings—unidentified	Cuba, Mexico			2	Calif.* , P. R.
<i>Ficus sycomorus</i> (sycomore fig)	Israel			1	D. C.
<i>Ficus</i> sp., probably <i>carica</i>	Brazil			1	N. Y.
<i>Nerium oleander</i> (oleander)	Cuba, Mexico	1		1	P. R.* , Tex.
<i>Philodendron</i> sp.	Hawaii	1			Hawaii.
<i>Asterolecanium stentae</i> Brain (Coccidae):					
<i>Stapelia</i> sp.	Union of South Africa			1	N. J.
<i>Aufeis impressicollis</i> Stal (Coreidae):					
<i>Dianthus</i> sp. (carnation)	Mexico	1			Tex.
<i>Aulacaspis spinosa</i> (Mask.) (Coccidae):					
<i>Smilax</i> sp.	Japan			1	Wash.
<i>Aulacaspis tubercularis</i> Newst. (Coccidae):					
<i>Mangifera indica</i> (mango)	Martinique, Nicaragua, Philippines, Salvador, Trinidad.	7	1	1	Calif.* , Hawaii, N. Y.* , P. R.

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<i>Aulacoscelia elongata</i> Jac. (Chrysomelidae): Cycad	Mexico			1	Tex.
<i>Autoserica castanea</i> (Arr.) (Scarabaeidae): <i>Ficus carica</i> (fig)	Italy	1			N. Y.
<i>Barathra brassicae</i> (L.) (Phalaenidae): <i>Brassica oleracea botrytis</i> (cauliflower)	France, Japan		2		N. Y.
<i>Blissus leucopterus hirtus</i> Montand. (Lygaeidae): <i>Iris</i> sp.	Canada			1	N. J.
<i>Blissus leucopterus insularis</i> Barb. (Lygaeidae): <i>Ananas comosus</i> (pineapple)	Mexico	1			Tex.
<i>Bouhelia maroccana</i> Balachowsky (Coccidae): <i>Muscari comosum</i> (cipollino)	Morocco	1			Calif.*
<i>Brachycerus albidentatus</i> Gyll. (Curculionidae): <i>Allium sativum</i> (garlic)	Italy	4			N. Y.
<i>Brachycerus algirus</i> (F.) (Curculionidae): <i>Allium sativum</i> (garlic)	Italy, Spain	3	1		N. Y., Tex.
<i>Brachyrhinus rugosostriatus</i> (Goeze) (Curculionidae): <i>Vitis</i> sp. (grape)	Chile	1			N. Y.
<i>Bradybaena similaris</i> (Fer.) (Mollusca): <i>Anthurium</i> sp.	Hawaii	1			Hawaii.
<i>Apium graveolens</i> (celery)	Lebanon		1		Pa.
<i>Bilbergia</i> sp.	Hawaii	1			Hawaii.
<i>Cordylone terminalis</i> (ti)	do	1			Hawaii.
<i>Fern</i>	do	1			Hawaii.
<i>Heliconia</i> sp.	do	1			Hawaii.
<i>Tree fern</i>	do	1			Hawaii.
<i>Bregmatothrips iridis</i> Wats. (Thripidae): <i>Iris kaempferi</i> (Japanese iris)	Netherlands			3	N. J.
<i>Iris</i> sp.	do			1	N. J.
<i>Brevipalpus chilensis</i> Baker (Phytotipalpidae): <i>Vitis</i> sp. (grape)	Chile			1	D. C.
<i>Brevipalpus phoenicis</i> (Geijskes) (Phytotipalpidae): <i>Arundinaria</i> sp.	Hawaii			1	Hawaii.
<i>Cynoches</i> sp. (orchid)	Canal Zone			1	Fla.
<i>Stanhopea</i> sp. (orchid)	do			1	N. J.
<i>Brithys pancratii</i> (Cyr.) (Phalaenidae): <i>Anoiganthus breviflorus</i>	Transvaal			1	D. C.
<i>Bruchus brachialis</i> Fahr. (Bruchidae): <i>Vicia sativa</i> (vetch)	Hungary	1		1	Ala.
<i>Vicia villosa</i> (hairy vetch)	do			1	S. C.
<i>Bruchus dentipes</i> Baudi (Bruchidae): <i>Vicia sativa</i> (vetch)	Lebanon	1			Pa.
<i>Bruchus guttalis</i> Rey (Bruchidae): <i>Vicia sativa</i> (vetch)	Algeria, Italy	2			Pa., Tex.
<i>Bruchus luteicornis</i> Ill. (Bruchidae): <i>Vicia sativa</i> (vetch)	France	2			N. Y.
<i>Bruchus rufipes</i> Herbst (Bruchidae): <i>Vicia sativa</i> (vetch)	Italy	2			La.
<i>Bruchus tristis</i> Boh. (Bruchidae): Bean	Greece	1			Ill.
<i>Lathyrus sativus</i> (grass pea)	Italy	1		1	N. J., N. Y.
<i>Lupinus</i> sp. (lupine)	do	1			N. Y.
<i>Vicia ervilla</i> (bitter vetch)	Greece			1	N. J.
<i>Vicia</i> sp.	Italy			1	N. J.
<i>Bucculatrix thurberiella</i> Busck (Lyonetiidae): <i>Gossypium</i> sp. (cotton)	Mexico	1			Tex.
<i>Burtinus notatipennis</i> Stal (Coreidae): Airplane	do			1	Tex.
<i>Callosobruchus maculatus</i> (F.) (Bruchidae): <i>Cajanus cajan</i> (pigeonpea)	Bahamas, British West Indies.	2			Fla.*, N. Y.
<i>Vigna sinensis</i> (cowpea)	India			1	N. Y.
<i>Calocoris norvegicus</i> (Gmelin) (Miridae): <i>Lathyrus odoratus</i> (sweetpea)	Ireland	1			Mass.
<i>Colonota festiva</i> (F.) (Scarabaeidae): Wool	Australia	1			N. Y.
<i>Capaneus tetricus</i> Stal (Coreidae): Orchid	Venezuela			1	Calif.*
<i>Capitophorus formosanus</i> Takah. (?) (Aphidae): <i>Aster</i> sp.	Japan	1			Hawaii.
<i>Chrysanthemum</i> sp.	do	1			Hawaii.

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<i>Caryedon fuscus</i> Goeze (Bruchidae):					
<i>Abrus praecatorius</i>	India.....	1		1	Calif.*
<i>Cassia fistula</i> (golden-shower).....	Hawaii.....	1			Hawaii.
<i>Cassia nodosa</i> (?).....	do.....	2			Hawaii.
<i>Cassia</i> sp.....	do.....	4		1	Calif.*, Hawaii.
<i>Tamarindus indica</i> (tamarind).....	Curacao, Jamaica.....	2			Mass., N. Y.
<i>Catorama herbarium</i> Gorb. (Anobiidae):					
<i>Acalypha</i> sp.....	Hawaii.....	1			Hawaii.
<i>Cavariella capreol</i> (F.) (Aphidae):					
<i>Apium graveolens</i> (celery).....	Italy.....		1		Pa.
<i>Ceratitis capitata</i> (Wied.) (Tephritidae):					
<i>Annona</i> sp.....	Madeira Islands.....	1			N. Y.
<i>Citrus limon</i> (lemon).....	Italy.....	2			N. Y.
<i>Citrus paradisi</i> (grapefruit).....	Egypt.....		1		Pa.
<i>Citrus reticulata</i> (Mandarin orange).....	Italy.....	3			N. Y.
<i>Citrus sinensis</i> (orange).....	Brazil, Italy, Malta, Morocco, Spain, unknown.....	3	7		Ala., Fla., N. Y., Pa., Tex., Va.
<i>Coffea</i> sp. (coffee).....	Brazil, Hawaii.....	4			Calif., Fla.*
<i>Cydonia oblonga</i> (quince).....	Greece, Italy, Turkey.....	4			N. Y.
<i>Diospyros kaki</i> (kaki persimmon).....	Italy.....	1			Mass.
<i>Diospyros</i> sp. (persimmon).....	do.....	1			N. Y.
<i>Eriobotrya japonica</i> (loquat).....	Madeira Islands, Portugal.....	2			Mass., N. Y.
<i>Ficus carica</i> (fig).....	France.....	1			Mass.
<i>Malus sylvestris</i> (apple).....	Azores, Italy, Yugoslavia.....	4			Mass., N. Y.
<i>Mespilus germanica</i> (medlar).....	Italy.....	1			N. Y.
<i>Opuntia compressa</i> (pricklypear).....	do.....	4			N. Y.
<i>Phoenix dactylifera</i> (date).....	Lebanon.....	1			N. Y.
<i>Prunus domestica</i> (plum).....	France.....		1		N. Y.
<i>Prunus persica</i> (peach).....	France, Portugal, Spain.....	2	3		Mass., N. Y., P. R.
<i>Psidium guajava</i> (guava).....	Portugal.....	1			N. Y.
<i>Psidium littorale</i> (strawberry guava).....	Azores.....	1			Mass.
<i>Pyrus communis</i> (pear).....	Italy, Portugal.....	3			Mass., N. Y.
<i>Ceratitis capitata</i> (Wied.) (?) (Tephritidae):					
<i>Annona</i> sp.....	Azores.....	1			Mass.
<i>Capsicum frutescens</i> (pepper).....	Hawaii.....		1		Calif.*
<i>Citrus paradisi</i> (grapefruit).....	Italy, Mozambique, Union of South Africa.....		3		Tex.
<i>Citrus reticulata</i> (Mandarin orange).....	Israel.....	1			N. Y.
<i>Citrus sinensis</i> (orange).....	Israel, Italy, Malta, Morocco, Spain, unknown.....	1	5		Md., Mass., N. Y., Pa., Va.
<i>Coffea</i> sp. (coffee).....	Brazil, Hawaii.....	4			Calif., N. Y.
<i>Cydonia oblonga</i> (quince).....	Italy.....	1			N. Y.
<i>Diospyros</i> sp. (persimmon).....	do.....	1			N. Y.
<i>Eriobotrya japonica</i> (loquat).....	Azores.....	1			Mass.
<i>Ficus carica</i> (fig).....	Portugal.....	1			Mass.
<i>Malus sylvestris</i> (apple).....	Azores, Portugal, Union of South Africa.....	3			Md., Mass.
<i>Prunus persica</i> (peach).....	Italy, Union of South Africa.....	2	1		Md., Mass., N. Y.
<i>Psidium guajava</i> (guava).....	Azores.....	1			Mass.
<i>Punica granatum</i> (pomegranate).....	Italy.....	1			N. Y.
<i>Pyrus communis</i> (pear).....	do.....	1			N. Y.
<i>Ceroplastes ceriferus</i> (And.) (Coccidae):					
<i>Chaenomeles</i> sp.....	Japan.....			1	Calif.*
<i>Salix</i> sp.....	do.....	1			Calif.*
<i>Ceroplastes rubens</i> Mask. (Coccidae):					
<i>Anthurium</i> sp.....	Hawaii.....	2			Hawaii.
<i>Calophyllum</i> sp.....	Guam.....			1	Calif.*
<i>Camellia</i> var.....	Japan.....			1	Calif.*
<i>Citrus sinensis</i> (orange).....	do.....		1		Calif.*
Cutting—unidentified.....	do.....		1		Calif.*
<i>Gardenia augusta</i> (gardenia).....	Australia.....	1	1		Hawaii.
<i>Kadsura japonica</i> (scarlet kadsura).....	Japan.....		1		Pa.
Plant—unidentified.....	do.....			1	Hawaii.
<i>Ceroplastes rusci</i> (L.) (Coccidae):					
<i>Ficus carica</i> (fig).....	France, Italy.....		1	1	N. Y.

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<i>Chilo simplex</i> (Butl.) (Crambidae): <i>Oryza sativa</i> (rice)-----	China, India, Japan, service mail, Spain.	46	8	-----	Calif.*, D.C., Hawaii, Md., Mass., Mich., N.Y., P.R., Tenn., Tex., Wash.
<i>Chionaspis leucadendri</i> Brain (Coccidae): <i>Leucophyllum</i> sp.-----	Union of South Africa	1	-----	-----	N. Y.
<i>Chionaspis wistariae</i> Cooley (Coccidae): <i>Wisteria sinensis</i> (Chinese wisteria)-----	Japan	-----	-----	1	Calif.*
<i>Wisteria</i> sp.-----	do.	-----	-----	1	Calif.*
<i>Chrysocoris grandis</i> Thunb. (Pentatomidae): Palm-----	do.	-----	1	-----	Calif.*
<i>Chrysomphalus agavis</i> (Townsend & Ckll.) (Coccidae): <i>Agave</i> sp.-----	Mexico	-----	-----	2	Ariz.
<i>Chrysomphalus albopictus</i> (Ckll.) (Coccidae): <i>Citrus sinensis</i> (orange)-----	do.	1	-----	-----	Tex.
<i>Persea americana</i> (avocado)-----	do.	1	-----	-----	Tex.
<i>Philodendron</i> sp.-----	do.	-----	-----	2	Tex.
<i>Chrysomphalus odontoglossi</i> (Ckll.) (Coccidae): Orchid-----	do.	-----	-----	1	Ariz.
<i>Chrysomphalus paulistis</i> (Hempel) (Coccidae): <i>Kalmia</i> sp.-----	Brazil	-----	1	-----	N. Y.
<i>Laurus nobilis</i> (Grecian laurel)-----	do.	-----	1	-----	Pa.
<i>Chrysomphalus personatus</i> (Comst.) (Coccidae): <i>Cocos nucifera</i> (coconut)-----	Costa Rica	1	-----	-----	Calif.*
<i>Fraxinus</i> sp. (ash)-----	Mexico	1	-----	-----	Tex.
Leaf—unidentified-----	Madeira Islands, Mexico.	4	-----	-----	Mass., Tex.
<i>Mangifera indica</i> (mango)-----	Canal Zone	1	-----	-----	Fla.*
<i>Melia azedarach</i> (Chinaberry)-----	Mexico	1	-----	-----	Tex.
<i>Persea americana</i> -----	do.	-----	-----	1	Tex.
Sapote leaf-----	do.	1	-----	-----	Tex.
<i>Chrysomphalus pinnulifera</i> (Mask.) (tentative) (Coccidae): <i>Cymbidium</i> sp. (orchid)-----	Madagascar	-----	-----	1	N. J.
<i>Gastrophys</i> sp.-----	do.	-----	-----	1	N. J.
<i>Chrysomphalus scutiformis</i> (Ckll.) (Coccidae): <i>Cocos nucifera</i> (coconut)-----	Mexico, Panama	2	-----	-----	Calif.*
<i>Chrysomphalus smilacis</i> Comst. (Coccidae): <i>Nolina</i> sp. (bear grass)-----	Mexico	1	-----	-----	Ariz.
<i>Chrysomphalus sphaeroides</i> (Ckll.) (Coccidae): <i>Chamaedorea</i> sp. (palm)-----	do.	4	-----	-----	Calif.*, Tex.
<i>Monstera</i> sp.-----	do.	-----	-----	1	Tex.
Palm-----	do.	2	-----	-----	Tex.
<i>Philodendron</i> sp.-----	do.	-----	-----	7	Tex.
<i>Chrysomphalus tenax</i> (McKenzie) (Coccidae): <i>Cattleya</i> sp. (orchid)-----	Cuba	-----	-----	1	Tex.
<i>Monstera deliciosa</i> (ceriman)-----	Mexico	-----	-----	1	Calif.*
Orchid-----	Jamaica	-----	-----	1	Fla.
<i>Philodendron</i> sp.-----	Mexico	-----	-----	2	Tex.
<i>Chrysomphalus tingi</i> (McKenzie) (Coccidae): <i>Phalaenopsis amabilis</i> (orchid)-----	Philippines	-----	-----	1	Calif.*
<i>Chrysomphalus umboniferus</i> (Newst.) (Coccidae): <i>Anthurium</i> sp.-----	Canal Zone	-----	-----	1	Fla.
Bromeliaceae-----	Colombia	-----	-----	1	Calif.*
<i>Laelia</i> sp. (orchid)-----	Mexico	-----	-----	1	Tex.
Orchid-----	Canal Zone, Mexico, Panama, Salvador, Trinidad, Venezuela.	-----	-----	6	Ala., Calif.*, Fla., Tex.
Stem—unidentified-----	Panama	1	-----	-----	N. Y.
<i>Coccus capparidis</i> (Green) (Coccidae): <i>Alyxia olivaeformis</i> (maile alyxia)-----	Hawaii	1	-----	-----	Calif.*
<i>Cypripedium</i> sp. (orchid)-----	India	-----	-----	2	N. J.
<i>Coccus viridis</i> (Green) (Coccidae): <i>Alstonia macrophylla</i> -----	Hawaii	1	-----	-----	Hawaii.
<i>Blighia sapida</i> (akee)-----	Jamaica	1	-----	-----	Fla.*
<i>Citrus aurantifolia</i> -----	Cuba	1	-----	-----	Fla.*
<i>Citrus limon</i> (lemon)-----	Bermuda, Haiti	2	-----	-----	Fla.*, N. Y.

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<i>Coccus viridis</i> —Continued					
<i>Citrus sinensis</i> (orange)	Canal Zone	1			Fla.*
<i>Coffea</i> sp. (coffee)	Puerto Rico	1			Fla.*
<i>Gardenia augusta</i> (gardenia)	Colombia, Cuba, Hawaii, Venezuela	69			Calif., Fla., Hawaii, N. Y.
<i>Izora macrothyrsa</i> (Malay ixora)	Hawaii			1	Calif.*
<i>Izora</i> sp.	Hawaii, Jamaica, Trinidad	2		2	Ala., Fla., Hawaii
Plant—unidentified	Antigua	1			St. Croix
<i>Plumeria</i> sp.	Hawaii			2	Calif.*
<i>Ricinus communis</i> (castor-bean)	Jamaica	1			Fla.*
<i>Conarthrus vicinus</i> Woll. (Curculionidae):					
Bamboo	Philippines	1			Mass.
<i>Conchaspis newsteadi</i> Kell. (Coccidae):					
<i>Plumeria</i> sp.	Mexico			1	Tex.
<i>Conoderus vagus</i> (Cand.) (Elateridae):					
Airplane	do		1		Tex.
<i>Conotrachelus aguacatae</i> Barber (Curculionidae):					
<i>Persea americana</i> (avocado)	do	148			Tex.
<i>Coptotermes formosanus</i> Shiraki (Rhinotermitidae):					
Airplane	Hawaii		2		Hawaii
Merchandise	China	1			Guam
<i>Cordylomera spinicornis</i> (F.) (Cerambycidae):					
<i>Khaya</i> sp.	Gold Coast	1			Pa.
<i>Corimelaena elegans</i> (McA. & Mall.) (Pentatomidae):					
Orchid	Mexico			1	Tex.
<i>Cosmopolites sordidus</i> (Germ.) (Curculionidae):					
<i>Musa paradisiaca sapientum</i> (banana)	Guadeloupe			1	P. R.
<i>Crociosema plebeiana</i> Zell. (Olethreutidae):					
Airplane	Mexico		1		Tex.
<i>Hibiscus esculentus</i> (okra)	do	9			Tex.
<i>Cryptoblabes gnidiella</i> (Mill.) (Phycitidae):					
<i>Malus sylvestris</i> (apple)	Italy	1			N. Y.
<i>Nerium oleander</i> (oleander)	Bermuda			1	N. Y.
Plant—unidentified	do			1	N. Y.
<i>Punica granatum</i> (pomegranate)	Italy, Lebanon	3			N. Y., Pa.
<i>Vitis</i> sp. (grape)	Brazil		1		N. Y.
<i>Cryptophlebia illepidia</i> (Btlr.) (Olethreutidae):					
<i>Macadamia</i> sp.	Hawaii	1			Hawaii
<i>Pithecellobium dulce</i>	do	1			Do.
<i>Crptophlebia leucotreta</i> (Meyr.) (Olethreutidae):					
<i>Citrus grandis</i> (pummelo)	Union of South Africa		1		Tex.
<i>Citrus paradisi</i> (grapefruit)	do		2		N. Y., Pa.
<i>Citrus sinensis</i> (orange)	Belgian Congo, Union of South Africa		3		Md., N. Y., Tex.
<i>Cryptotermes brevis</i> (Wlk.) (Kalotermitidae):					
Hardwood case	Hawaii	1			Calif.*
<i>Ctenicera cupreus</i> (F.) (Elateridae):					
<i>Calluna vulgaris</i> (heather)	England			1	N. J.
<i>Curculio elephas</i> (Gyll.) (Curculionidae):					
<i>Castanea</i> sp. (chestnut)	Italy, France, Portugal, Spain, Yugoslavia	38	1		Mass., Mich., N. Y., Oreg., Pa., Tex.
<i>Quercus</i> sp. (oak)	Portugal			1	Mo.
<i>Curculio nucum</i> L. (Curculionidae):					
<i>Corylus avellana</i> (filbert)	Italy	1			Mass.
<i>Cylas formicarius</i> F. (Curculionidae):					
<i>Ipomoea batatas</i> (sweetpotato)	India, Straits Settlements	2	2		Ga., Mass., N. Y.
<i>Cylas formicarius</i> F. var. (Curculionidae):					
<i>Ipomoea batatas</i>	Thailand	1			N. Y.
<i>Cylas formicarius elegantulus</i> (Summers) (Curculionidae):					
<i>Ipomoea batatas</i> (sweetpotato)	Cuba, Haiti, Jamaica, Mexico, Puerto Rico, Tortola, Trinidad	27	5	1	Ala., D. C., Fla., Md., N. Y., Pa., St. Thomas & St. John, Tex.

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<i>Dacus caudatus</i> F. (Tephritidae):					
<i>Macrozamia macrocarpa</i>	Indonesia	1			N. J.
<i>Dacus ciliatus</i> Loew (?) (Tephritidae):					
<i>Cucurbita pepo</i> (pumpkin)	Union of South Africa		1		Md.
<i>Dacus cucurbitae</i> Coq. (Tephritidae):					
<i>Capsicum frutescens</i> (pepper)	Hawaii		1		Calif.*
<i>Cucumis sativus</i> (cucumber)	do		3		Calif.*
<i>Cucurbita maxima</i> (squash)	do		1		Calif.*
<i>Cucurbita pepo</i> (pumpkin)	do	1			Calif.*
<i>Lycopersicon esculentum</i> (tomato)	do		10		Ala., Calif.*, Tex.
<i>Momordica charantia</i> (balsam-pear)	Philippines	1			Guam.
<i>Dacus cucurbitae</i> Coq. (?) (Tephritidae):					
<i>Cucumis sativus</i> (cucumber)	Hawaii		4		Calif.*, Tex.
<i>Cucurbita maxima</i> (squash)	do		1		Tex.
<i>Lycopersicon esculentum</i> (tomato)	do		1		Wash.
<i>Dacus dorsalis</i> Hend. (Tephritidae):					
Airplane	do		2		Hawaii.
In box with anthuriums	do	1			Do.
<i>Coffea</i> sp. (coffee)	do	2			Do.
<i>Lycopersicon esculentum</i> (tomato)	do		1		Calif.*
<i>Mangifera indica</i> (mango)	do	5	1		Calif.*, Hawaii.
<i>Persea americana</i> (avocado)	do	2	1		Calif.*, Hawaii.
<i>Psidium guajava</i> (guava)	do	2			Calif., Hawaii.
<i>Terminalia catappa</i> (Indian almond)	do	1			Hawaii.
<i>Dacus dorsalis</i> Hend. (?) (Tephritidae):					
<i>Mangifera indica</i> (mango)	do	1			Do.
<i>Persea americana</i> (avocado)	do	1			Calif.*
<i>Dacus oleae</i> (Gmel.) (Tephritidae):					
<i>Olea europaea</i> (olive)	Italy, Lebanon, Portugal, Spain, Syria.	29		1	Mass., Mich., N. Y.
<i>Dacus oleae</i> (Gmel.) (?) (Tephritidae):					
<i>Olea europaea</i> (olive)	Italy	2			N. Y.
<i>Dendrothrips ornatus</i> (Jablon) (Thripidae):					
<i>Syringa</i> sp. (lilac)	Netherlands	1			N. Y.
<i>Deroceras reticulatum</i> (Muller) (Mollusca):					
<i>Apium graveolens</i> (celery)	do		1		Pa.
Araceae	Costa Rica			1	Fla.
<i>Brassica oleracea capitata</i> (cabbage)	England, Italy, Netherlands, New Zealand, Spain.	1	5		La., Mass., N. Y., Pa.
<i>Cymbidium</i> sp. (orchid)	Australia			1	Hawaii.
<i>Foeniculum vulgare</i> dulce	Belgium		1		Mass.
<i>Lactuca sativa</i> (lettuce)	Philippines, Portugal		2		Hawaii, N. Y.
Leaf—unidentified	Japan	1			Hawaii.
Soil with assorted plants	Azores			1	Mass.
<i>Dialeurodes chittendeni</i> Laing (Aleyrodidae):					
<i>Rhododendron catawbiense</i>	Netherlands		3		N. J.
<i>Rhododendron giganteum</i>	do		1		N. J.
<i>Rhododendron roseum</i>	do		4		N. J.
<i>Rhododendron</i> sp.	England, Netherlands		10		N. J.
<i>Dialeurodes citri</i> (Ashm.) (Aleyrodidae):					
<i>Citrus sinensis</i> (orange)	Japan		1		Calif.*
<i>Gardenia augusta</i>	Mexico			1	Tex.
<i>Gardenia</i> var	Japan			1	Calif.*
<i>Dialeurodes citrifolii</i> (Aleyrodidae):					
<i>Citrus</i> sp.	Colombia, Mexico	3			Fla., Tex.
<i>Dialeurodes kirkaldyi</i> (Kot.) (Aleyrodidae):					
<i>Gardenia</i> var	Philippines	1			Calif.*
<i>Jasminum sambac</i> (Arabian jasmine)	do		2		Calif.*
Plant—unidentified	Japan		1		Calif.*
<i>Diaprepes famelicus</i> Oliv. var. (Curculionidae):					
<i>Hibiscus</i> sp.	Bermuda	1			N. Y.
<i>Lilium</i> sp.	do	1			N. Y.
<i>Diaspis carueli</i> (Targ.) (Coccidae):					
<i>Cryptomeria</i> sp.	Japan			1	Calif.*
<i>Dicyphus annulatus</i> (Wolff) (Miridae):					
<i>Lactuca sativa</i> (lettuce)	Germany		1		Mass.
<i>Dinoderopsis serriger</i> Lesne (?) (Bostrichidae):					
Wooden bowl	British East Africa	1			Ill.

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<i>Diocalandra taitensis</i> (Guer.) (Curculionidae):	Hawaii	1			Hawaii.
<i>Brassica</i> sp. (mustard)	do	1			Hawaii.
<i>Cocos nucifera</i> (coconut)					
<i>Diorymerellus laevimargo</i> Champ. (Curculionidae):	Mexico			8	Tex.
Orchid					
<i>Diptacus gigantorhynchus</i> (Nal.) (Eriophyidae):					
<i>Prunus spinosa</i> (?)	Ireland	1			Mass.
<i>Dolichotetranychus floridanus</i> (Banks) (Phytotipalpidae):					
<i>Ananas comosus</i> (pineapple)	Cuba		1		Fla.*
<i>Dolichotetranychus vandergooti</i> (Oudas.) (Phytotipalpidae):					
<i>Dendrobium</i> sp. (orchid)	Thailand			1	Hawaii.
<i>Draeculacephala producta</i> (Walk.) (Cicadellidae):					
Airplane	Mexico		1		Tex.
<i>Gladiolus</i> sp.	do	1			Tex.
<i>Dysdercus flavolimbatus</i> Stal (Pyrrhocoridae):					
Palm	do	1			Tex.
<i>Dyspessa ulula</i> (Bkh.) (Cossidae):					
<i>Allium sativum</i> (garlic)	Italy, Spain	16			N. Y.
<i>Epidiaspis piricola</i> (del Guer.) (Coccidae):					
<i>Malus sylvestris</i> (apple)	Greece, Italy	1		1	N. Y.
<i>Prunus domestica</i> (plum)	Chile	1			N. Y.
<i>Pyrus communis</i> (pear)	France			1	D. C.
<i>Epilachna varivestis</i> Muls. (Coccinellidae):					
Orchid	Mexico			1	Tex.
<i>Selaginella</i> sp.	do			1	Tex.
<i>Epinotia opposita</i> Hein. (Olethreutidae):					
<i>Phaseolus vulgaris</i> var. (string bean)	Mexico, Peru, Uruguay	4	6		La., N. Y., Tex.
<i>Ereuntis flavistriata</i> Wlsm. (Tineidae):					
<i>Cocos nucifera</i> (coconut)	Hawaii	12			Hawaii.
<i>Ericerus pe-la</i> (Chav.) (Coccidae):					
<i>Prunus</i> var	Japan			1	Calif.*
<i>Eriococcus abeliceae</i> Kuw. (Coccidae):					
<i>Zelkova</i> sp.	do			1	Calif.*
<i>Eriophyes canestrinii</i> (Nal.) (Eriophyidae):					
<i>Buxus sempervirens</i> (box)	Netherlands			3	N. J.
<i>Buxus</i> sp.	do			6	N. J.
<i>Eriophyes leionotus</i> (Nal.) (Eriophyidae):					
<i>Betula</i> sp.	Finland	1			Mass.
<i>Eriophyes similis</i> Nal. (Eriophyidae):					
<i>Prunus spinosa</i> (?)	Ireland	1			Mass.
<i>Euborellia moesta</i> (Serv.) (Labiduridae):					
<i>Lilium</i> sp.	Italy			1	N. Y.
<i>Euborellia plebeja</i> (Dohrn.) (Labiduridae):					
<i>Mangifera indica</i> (mango)	Thailand			1	N. J.
<i>Eucalymnatus tessellatus</i> (Sign.) (Coccidae):					
<i>Gardenia augusta</i> (gardenia)	Australia, Guatemala, Hawaii, Mexico.	4			La., Hawaii, Tex.
<i>Eulachnus piniformosanus</i> Takah. (?) (Aphidae):					
<i>Pinus</i> sp. (pine)	Japan			1	Calif.*
<i>Eurytoma orchidearum</i> (Westw.) (Eurytomidae):					
<i>Cattleya leopoldii</i> (orchid)	Brazil			1	N. J.
<i>Cattleya</i> sp.	Venezuela			4	N. J.
<i>Eusepeus postfasciatus</i> (Fairm.) (Curculionidae):					
<i>Ipomoea batatas</i> (sweetpotato)	Colombia, Hawaii, Peru, Puerto Rico, Tortola, Trinidad.	3	3		Ala., Hawaii, Md., N. Y., St. Thomas & St. John, Tex.
<i>Eustrophinus marginatus</i> Champ. (Melandryidae):					
Orchid	Mexico			1	Tex.
<i>Eutetranychus banksi</i> (McG.) (Tetranychidae):					
<i>Rosa</i> sp.	Mexico (?)		1		Tex.
Sapote	Mexico	1			Tex.
<i>Evergestis forficalis</i> (L.) (Pyraustidae):					
<i>Brassica oleracea capitata</i> (cabbage)	Belgium			3	Pa., Tex.
<i>Evergestis rhimosalis</i> (Gn.) (Pyraustidae):					
<i>Brassica oleracea capitata</i>	France			1	N. Y.
<i>Erpochiomeria oblonga</i> Stal (Lygaeidae):					
<i>Gladiolus</i> sp.	Mexico	1			Calif.*

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<i>Ferrisia virgata</i> (Ckll.) (Coccidae):					
<i>Asplenium nidus</i> (birdsnest fern)	Palmyra Island	1			Hawaii.
<i>Citrus</i> sp.	Mexico	1			Calif.*
<i>Codiaeum</i> sp. (croton)	Bahamas			1	N. Y.
<i>Cordyline terminalis</i> (ti)	Hawaii	1			Hawaii
<i>Dendrobium</i> sp. (orchid)	Philippines			1	Calif.*
<i>Gardenia augusta</i> (gardenia)	Cuba	1			Fla.*
<i>Izora</i> sp.	Trinidad	1			P. R.
<i>Laelia albida</i> (orchid)	Mexico			1	Calif.*
<i>Mussaenda</i> sp.	Philippines			1	Calif.*
<i>Odontoglossum</i> sp. (orchid)	Trinidad			1	N. J.
<i>Operculina tuberosa</i> (wood-rose)	Hawaii	1			Hawaii.
<i>Portulaca</i> sp.	Mexico			1	Tex.
<i>Rosa</i> sp.	Cuba	1			Fla.*
Shrub—unidentified	Philippines		1		Hawaii.
<i>Frankliniella bispinosa</i> (Morg.) (Thripidae):					
Flowers—mixed	Bermuda	1			N. Y.
<i>Freesia</i> sp.	do	1			N. Y.
<i>Gladiolus</i> sp.	Argentina	1			N. Y.
<i>Hibiscus</i> sp.	Bermuda	2		1	N. Y.
<i>Jasminum</i> sp.	do	1			N. Y.
Moss with plants	France			1	Mass.
<i>Pitiosporum undulatum</i> (orange pitiosporum)	Bermuda			1	Mass.
<i>Frankliniella cestrum</i> Mlt. (Thripidae):					
<i>Bromus</i> sp.	Argentina			1	D. C.
<i>Melilotus alba</i> (white sweet clover)	do			1	D. C.
<i>Frankliniella formosae</i> Mlt. (Thripidae):					
<i>Chrysanthemum</i> sp.	Japan	3	2	1	Calif.*, Hawaii, Wash.
<i>Dianthus</i> sp. (carnation)	do	1	1	1	Hawaii, Wash.
Flowers—mixed	do	2			Wash.
<i>Gladiolus</i> sp.	do	1			Hawaii.
<i>Frankliniella fortissima</i> Pr. (Thripidae):					
<i>Gladiolus</i> sp.	Mexico	2			Calif.*
<i>Frankliniella intonsa</i> (Tryb.) (Thripidae):					
<i>Calluna vulgaris</i> (heather)	Scotland	1			N. Y.
<i>Dianthus</i> sp. (carnation)	Germany	1			N. Y.
<i>Gladiolus</i> sp.	Germany, unknown	1	1		N. Y.
<i>Primula</i> spp.	England	1			N. J.
<i>Rosa</i> sp. (rose)	England, Germany	3			Mass., N. Y.
<i>Frankliniella pallida</i> (Uzel) (Thripidae):					
<i>Leontopodium alpinum</i> (edelweiss)	Switzerland	1			D. C.
<i>Frankliniella paucispinosa</i> Mlt. (Thripidae):					
<i>Dahlia</i> sp.	Brazil		1		Fla.*
<i>Frankliniella schultzei</i> (Tryb.) (Thripidae):					
Flowers—unidentified	India		1		N. Y.
<i>Orthogalum thyrsoides</i> (chinkerichee)	Union of South Africa	2			N. J.
<i>Fulvius anthocorides</i> Stal (Miridae):					
Orchid	Guatemala, Mexico			3	Tex.
<i>Philodendron</i> sp.	Mexico			2	Tex.
<i>Fundella pellucens</i> (Zell.) (Phycitidae):					
<i>Phaseolus vulgaris</i> var. (string bean)	Canal Zone, Jamaica		2		Ala., Fla.*
<i>Fundella pellucens</i> (Zell.) (?) (Phycitidae):					
<i>Phaseolus vulgaris</i> var. (string bean)	Venezuela		2		Ala.
<i>Furcaspis biformis</i> (Ckll.) (Coccidae):					
<i>Brassavola nodosa</i> (orchid)	Canal Zone			1	Calif.*
<i>Brassia</i> sp. (orchid)	do			1	Calif.*
<i>Cattleya aurea</i> (orchid)	do			1	Calif.*
<i>Cattleya doviiana</i>	Panama			1	Tex.
<i>Cattleya skinneri</i>	Costa Rica			1	Calif.*
<i>Cattleya</i> sp.	Costa Rica, Venezuela			3	Fla., N. J., Tex.
<i>Epidendrum atropurpureum</i> (orchid)	Canal Zone			3	Calif.*
<i>Epidendrum</i> sp.	do			5	Calif.*, Fla., Hawaii, N. J.
<i>Laelia albida</i> (orchid)	Mexico			1	Calif.*
<i>Maxillaria luteoalba</i> (orchid)	Canal Zone			1	Calif.*
<i>Oncidium ampliatum</i> (orchid)	do			1	Calif.*
<i>Oncidium panamense</i>	do			1	Calif.*
<i>Oncidium parviflorum</i>	do			1	Calif.*
<i>Oncidium</i> sp.	Canal Zone, Trinidad			2	Fla., N. J.

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<i>Furcaspis biformis</i> —Continued					
Orchid	American Virgin Islands, Canal Zone, Curacao, Jamaica, Morocco, Panama.			20	Calif.* Fla., N. J., St. Thomas & St. John.
Palm	Mexico	2			Tex.
<i>Pedilanthus</i> sp.	Indonesia			1	N. J.
<i>Vanda</i> sp. (orchid)	Hawaii	1			Hawaii.
<i>Furcaspis oceanica</i> Ldgr. (Coccidae):					
<i>Cocos nucifera</i> (coconut)	Kwajalein	1			Do.
<i>Galgupha magna</i> Sailer (Pentatomidae):					
Orchid	Mexico			1	Tex.
<i>Galgupha vinculata</i> (Germar) (Pentatomidae):					
<i>Andropogon condensatus</i>	Brazil			1	D. C.
<i>Gelechia ericetella</i> (Hbn.) (Gelechiidae):					
<i>Calluna vulgaris</i> (heather)	Germany, Scotland	4			Mass., N. Y.
<i>Gerstaeckeria mutillaria</i> (Gerst.) (Curculionidae):					
<i>Mammillaria</i> sp. (cactus)	Mexico			1	Tex.
<i>Glycyphagus domesticus</i> Deg. (Glycyphagidae):					
<i>Allium cepa</i> (onion)	Ireland	1			N. Y.
<i>Diospyros</i> sp. (persimmon)	Italy	1			N. Y.
<i>Malus sylvestris</i> (apple)	Germany	1			Pa.
<i>Pyrus communis</i> (pear)	do	1			Fla.*
Soil around carrots	Argentina			1	Mass.
<i>Solanum tuberosum</i> (potato)	Netherlands			1	Tex.
Straw jacket	France	1			Fla.*
<i>Gnorimoschema borsaniella</i> Koehr. (?) (Gelechiidae):					
<i>Capsicum frutescens</i> (pepper)	Brazil		1		Pa.
<i>Gnorimoschema gudmannella</i> (Wlsm.) (Gelechiidae):					
<i>Capsicum frutescens</i>	Mexico	5			Ariz.
<i>Capsicum frutescens grossum</i> (bell pepper)	do	1			Ariz.
<i>Capsicum frutescens longum</i> (chili pepper)	do	2			Calif., Tex.
<i>Gortyna flavago</i> (Schiff.) (Phalaenidae):					
<i>Cynara cardunculus</i> (cardoon)	Italy			1	N. Y.
<i>Gortyna ochracea</i> (Hbn.) (Phalaenidae):					
<i>Cynara scolymus</i> (globe artichoke)	France		2		Tex.
<i>Gracilaria azalea</i> Brants (Gracilariidae):					
<i>Rhododendron indicum</i> (indica azalea)	Belgium			3	N. J.
<i>Rhododendron</i> sp.	England, Netherlands			2	N. J., Wash.
<i>Grapholitha molesta</i> (Busck) (Olethreutidae):					
<i>Malus sylvestris</i> (apple)	Japan		1		Tex.
<i>Prunus persica</i> (peach)	do	1	1		Wash.
<i>Gymnandrosoma aurantianum</i> DaCosta Lima (Olethreutidae):					
<i>Citrus sinensis</i> (orange)	Brazil		1		Va.
<i>Halyomorpha picta</i> (F.) (Pentatomidae):					
<i>Oryza sativa</i> (rice)	Japan	1			Hawaii.
<i>Haplothrips gowdeyi</i> (Frankl.) (Phlaeothripidae):					
<i>Antirrhinum majus</i> (snapdragon)	Haiti	1			P. R.
<i>Centaurea americana</i> (basketflower)	Bermuda	1			Mass.
<i>Chrysanthemum</i> sp.	Israel	1			N. Y.
<i>Cordylone terminalis</i> (ti)	Hawaii	2			Hawaii.
Flowers—mixed	India, Madeira Islands	1	1		N. Y.
<i>Gerbera</i> sp.	Bermuda	1			N. Y.
<i>Hibiscus</i> sp.	Bermuda, Japan	3	1		Hawaii, N. Y.
<i>Lathyrus odoratus</i> (sweet pea)	Australia, Bermuda	1	1		Hawaii, N. Y.
<i>Nerium oleander</i> (oleander)	Bermuda			1	N. Y.
<i>Viola</i> sp. (violet)	do	1			N. Y.
<i>Haplothrips nigricornis</i> (Bagn.) (Phlaeothripidae):					
<i>Ornithogalum thyrsoides</i> (chinkerichee)	Union of South Africa	2			N. J., N. Y.
<i>Haplothrips wouramboulchii</i> Mlt. (Phlaeothripidae):					
<i>Ornithogalum thyrsoides</i> (chinkerichee)	do	2			N. Y.
<i>Helix aspersa</i> (Mollusca):					
<i>Agave</i> sp.	Mexico			1	Ariz.
Flowers—mixed	New Zealand	1			Hawaii.
<i>Heterobostrychus aequalis</i> Waterh. (Bostrichidae):					
Wooden crate	India	7			Calif.*

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<i>Heterotermes convexinotatus</i> (Snyder) (Rhinotermitidae):					
<i>Eugenia floribunda</i> (guavaberry)-----	Jost Van Dykes-----	1			St. Thomas & St. John.
<i>Hydrellia nasturtii</i> Collin (Ephydriidae):					
<i>Rorippa nasturtium-aquaticum</i> (watercress)-----	England-----		1		Mass.
<i>Hylurgopinus rufipes</i> (Eichh.) (Scolytidae):					
<i>Ulmus</i> sp. (elm)-----	Canada-----	3			N. Y.
<i>Hylurgops palliatus</i> (Gyll.) (Scolytidae):					
<i>Picea</i> sp. (spruce)-----	Sweden-----	1			N. Y.
<i>Pinus</i> sp. (pine)-----	Germany-----	1			Ala.
<i>Hypera nigritrostris</i> (F.) (Curculionidae):					
Forest litter-----	Spain-----	1			N. Y.
<i>Icerya palmeri</i> Riley & Howard (Coccidae):					
<i>Rathbunia</i> sp. (cactus)-----	Mexico-----			1	Tex.
<i>Ips sexdentatus</i> (Boern.) (Scolytidae):					
<i>Pinus</i> sp. (pine)-----	Belgium-----	1			Tex.
<i>Iridomyrmex humilis</i> Mayr (Formicidae):					
Airplane-----	Hawaii-----		1		Hawaii.
<i>Ananas comosus</i> (pineapple)-----	Azores-----	1		1	N. Y.
<i>Cynara scolymus</i> (globe artichoke)-----	Italy-----	1			N. Y.
<i>Dianthus</i> sp. (carnation)-----	do-----	2			N. Y.
<i>Gladiolus</i> sp.-----	Bermuda-----	1			N. Y.
<i>Hedera</i> sp. (ivy)-----	do-----			1	N. Y.
<i>Laurus nobilis</i> (Grecian laurel)-----	do-----	1			N. Y.
Orchid-----	Hawaii-----	1			Hawaii.
<i>Polianthes tuberosa</i> (tuberose)-----	Italy-----	1			N. Y.
<i>Saccharum officinarum</i> (sugarcane)-----	Portugal-----	1			N. Y.
Suitcase-----	Azores-----	2			N. Y.
<i>Vanda</i> sp. (orchid)-----	Hawaii-----	1			Hawaii.
<i>Vitis</i> sp. (grape)-----	Union of South Africa-----	2			N. Y.
<i>Zantedeschia aethiopica</i> (calla lily)-----	Azores-----			1	Mass.
<i>Iridomyrmex iniquus</i> Mayr (Formicidae):					
<i>Lycaete</i> sp. (orchid)-----	Guatemala-----			1	N. J.
Orchid-----	Brazil, Guatemala-----			5	Fla., N. J., Tex.
<i>Kaloterms durbanensis</i> Hav. (Kalotermitidae):					
Conifer board-----	Union of South Africa-----		1		Tex.
<i>Lampetia equestris</i> (F.) (Syrphidae):					
<i>Narcissus</i> sp.-----	England, Italy, Netherlands, Switzerland-----			5	N. J., N. Y., Oreg., Tex., Va.
<i>Scilla natalensis</i> -----	Union of South Africa-----			1	N. J.
<i>Solanum tuberosum</i> (potato)-----	do-----		1		N. Y.
<i>Lampides boeticus</i> (L.) (Lycaenidae):					
<i>Canavalia</i> sp.-----	Hawaii-----	25			Calif.*, Hawaii.
<i>Coleus blumei</i> (coleus)-----	do-----	1			Do.
<i>Laspeyresia leguminis</i> Hein. (Olethreutidae):					
<i>Phaseolus vulgaris</i> var. (string bean)-----	Mexico-----		1		Tex.
<i>Laspeyresia splendana</i> (Hbn.) (Olethreutidae):					
<i>Castanea</i> sp. (chestnut)-----	England, Italy, Japan, Portugal, Spain, Yugoslavia-----	36	1		Calif.*, Mass., N. Y., Pa., Tex.
<i>Lecanium corni</i> (Bouche) (Coccidae):					
<i>Laurus</i> sp.-----	Italy-----	1			Mass.
<i>Vitis</i> sp.-----	Portugal-----			1	Mass.
<i>Lepidosaphes bladhiae</i> Tak. (tentative) (Coccidae):					
Succulent—unidentified-----	Hawaii-----			1	Calif.*
<i>Lepidosaphes carinata</i> (Ckll.) (Coccidae):					
<i>Philodendron</i> sp.-----	Mexico-----			2	Tex.
<i>Lepidosaphes esakii</i> Tak.					
<i>Cocos nucifera</i> (coconut)-----	Kwajalein-----	1			Hawaii.
<i>Lepidosaphes ficus</i> (Sign.) (Coccidae):					
<i>Ficus</i> sp. (fig)-----	Italy, Turkey-----	1		3	D. C., Mass.
<i>Lepidosaphes kuwacola</i> Kuw. (Coccidae):					
<i>Zelkova</i> sp.-----	Japan-----			1	Wash.
<i>Lepidosaphes machili</i> (Mask.) (Coccidae):					
<i>Chaenomeles</i> sp.-----	do-----			1	Calif.*

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<i>Lepidosaphes newsteadi</i> (Sulc.) (Coccidae):					
<i>Chamaecyparis</i> sp.	do.			1	Calif.*
<i>Juniperus chinensis</i> (Chinese juniper)	do.			2	Calif.*
<i>Juniperus</i> sp.	do.			3	Calif.*
<i>Pinus</i> sp. (pine)	do.		1	1	Calif.*
<i>Tamarix</i> sp. (tamarisk)	do.			1	Calif.*
<i>Lepidosaphes pallida</i> (Green) (Coccidae):					
<i>Juniperus</i> sp.	do.			8	Calif.*
<i>Lepidosaphes philococcus</i> (Ckll.) (Coccidae):					
<i>Beaucarnea</i> sp.	Mexico			1	Tex.
<i>Cactus</i>	do.			1	Tex.
<i>Pachycereus marginatus</i> (cactus)	do.			1	Tex.
<i>Lepidosaphes tokionis</i> (Kuw.) (Coccidae):					
<i>Codiaeum variegatum</i> (croton)	Hawaii, Thailand	1		1	Calif.*, Hawaii.
<i>Codiaeum</i> sp.	Canal Zone, Ecuador, Guam, Hawaii.	6		5	Calif.*, Fla., Hawaii.
<i>Hibiscus</i> sp.	Hawaii			1	Hawaii.
<i>Lepidosaphes tuberculata</i> Mal. (Coccidae):					
<i>Cymbidium sinense</i> (orchid)	China			1	Calif.*
<i>Cymbidium</i> sp.	Australia, England, Formosa, India, Japan, Netherlands.			50	Calif.*, Hawaii, N. J.
<i>Dendrobium</i> sp. (orchid)	Australia			1	Calif.*
<i>Lepidosaphes vermiformis</i> Tak. (Coccidae):					
<i>Bambusa</i> sp. (bamboo)	Philippines	1			Hawaii.
<i>Leptoglossus chilensis</i> (Spinola) (Coreidae):					
<i>Vitis</i> sp. (grape)	Chile	8			N. Y., Tex.
<i>Leucaspis cockerelli</i> (de Charmoy) (Coccidae):					
<i>Arundinaria</i> sp.	Hawaii			1	Hawaii.
<i>Citrus aurantifolia</i>	Cuba, Jamaica, Salvador.	3			Calif.*, Fla.*
<i>Citrus aurantifolia</i> (sour lime)	Central America, Costa Rica, Jamaica.		3		Calif.*
<i>Citrus limon</i> (lemon)	Salvador	1			Calif.*
<i>Citrus paradisi</i> (grapefruit)	Cuba, Jamaica, Trinidad.		3		Calif.*
<i>Citrus sinensis</i> (orange)	British West Indies, Canal Zone, West Indies.	3	4		Calif.*, Fla.*
Leaf—unidentified	Ecuador	1			Calif.*
Orchid	Nicaragua, Panama.			2	Calif.*
<i>Leucinodes orbonalis</i> Guen. (Pyraustidae):					
<i>Solanum melongena</i> (eggplant)	Cape Verde Islands.		1		Md.
<i>Ligyrocoris nitidicollis</i> (Stal) (Lygaeidae):					
Orchid	Guatemala			1	Tex.
<i>Ligyrrus ebenus</i> (Deg.) (Scarabaeidae):					
<i>Ananas comosus</i> (pineapple)	Mexico	1			Tex.
<i>Limax marginatus</i> (Muller) (Mollusca):					
<i>Brassica oleracea capitata</i> (cabbage)	Spain		1		Pa.
<i>Chaneomeles</i> sp.	Japan			1	Hawaii.
<i>Limax maximus</i> L. (Mollusca):					
<i>Brassica oleracea capitata</i>	Italy		1		Pa.
<i>Lineodes integra</i> (Zell.) (Pyraustidae):					
<i>Lycopersicon esculentum</i> (tomato)	Mexico	1			Tex.
<i>Solanum melongena</i> (eggplant)	do.	1			Ariz.
<i>Listroderes costirostris obliquus</i> Klug. (Curculionidae):					
<i>Brassica rapa</i> (turnip)	Japan		1		Pa.
<i>Listroderes subcinctus</i> Boh. (Curculionidae):					
Packing with plums	Chile	1			N. Y.
<i>Prunus domestica</i> (plum)	do.	1			N. Y.
<i>Prunus persica nectarina</i> (nectarine)	do.	1			N. Y.
<i>Lixus junci</i> Boh. (Curculionidae):					
<i>Beta vulgaris</i> (beet)	Egypt		1		N. Y.
<i>Liguz rugulipennis</i> Poppius (Miridae):					
<i>Dianthus</i> sp. (carnation)	Germany	1			N. Y.
<i>Macroductylus mexicanus</i> Burm. (Scarabaeidae):					
<i>Chrysanthemum maximum</i> (Shasta daisy)	Mexico	1			Tex.
<i>Macropylax fasciata</i> Hsiao & Sailer (Lygaeidae):					
<i>Cistus laurifolius</i> (laurel rockrose)	Turkey			1	D. C.
<i>Macropygium reticulara</i> (F.) (Pentatomidae):					
Orchid	Mexico			1	Tex.

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<i>Macrosiphum formosanum</i> Takah. (Aphidae): <i>Lactuca sativa</i> (lettuce)	Japan, Philippines	1	1		Hawaii.
<i>Macrosiphum gei</i> (Koch) (?) (Aphidae): <i>Dianthus</i> sp. (carnation)	Germany			1	N. Y.
<i>Mamestra brassicae</i> L. (Phalaenidae): <i>Brassica oleracea capitata</i> (cabbage)	France, Italy		2		N. Y., Pa.
<i>Brassica rapa</i> (turnip)	France		1		Pa.
<i>Maruca testulalis</i> (Geyr.) (Pyraustidae): <i>Canavalia</i> sp.	Hawaii	10			Calif.*, Hawaii.
<i>Phaseolus vulgaris</i> var. (string bean)	Brazil, Cuba, Hawaii, Japan, Puerto Rico.	2	6		Calif.*, Hawaii, Mass., P. R., Tex., Wash.
<i>Megalometis chiliensis</i> Boh. (Curculionidae): <i>Prunus domestica</i> (plum)	Chile	2			N. Y.
<i>Prunus persica nectarina</i> (nectarine)	do	1			N. Y.
<i>Metamasius sericeus</i> (Oliv.) (Curculionidae): <i>Musa paradisiaca sapientum</i> (banana)	Costa Rica, Ecuador, Panama.	38			Calif.*, N. Y., S. C., Tex.
<i>Metamasius sericeus carbonarius</i> (Chev.) (Curculionidae): <i>Musa paradisiaca sapientum</i> (banana)	Mexico	1		1	Tex.
<i>Micrapate labialis</i> Lesne (Bostrychidae): <i>Euphorbia pulcherrima</i> (poinsettia)	do		1		Calif.*
<i>Micrelus ericae</i> (Gyll.) (Curculionidae): <i>Calluna vulgaris</i> (heather)	Germany, Scotland	7			Mass., N. Y.
<i>Microcephalothrips abdominalis</i> Crawf. (Thripidae): <i>Chrysanthemum</i> sp.	Japan		1		Calif.*
Flowers—unidentified	India, Japan	1	1		N. Y., Wash.
<i>Mimosestes dominicanus</i> (Jekel) (Bruchidae): <i>Acacia farnesiana</i> (sweet acacia)	Trinidad			1	Tex.
<i>Caesalpinia coriaria</i> (divi-divi)	Dominican Republic	1			Pa.
<i>Mimosestes sallaei</i> (Sharp) (Bruchidae): <i>Acacia</i> sp.	Trinidad			1	Tex.
Airplane	Hawaii		1		Hawaii.
<i>Punica granatum</i> (pomegranate)	Mexico	1			Ariz.
<i>Minthea rugicollis</i> (Wlk.) (Lyctidae): Root—unidentified	China	1			Hawaii.
Wooden crates	India	30			Calif.*
<i>Mitrasethus browni</i> Faust (Curculionidae): <i>Cordylone terminalis</i> (ti)	Hawaii			1	Hawaii.
<i>Maioiphila muscorum</i> Koch (Chrysomelidae): Soil with plants	Italy			1	N. Y.
<i>Monacha obstructa</i> (Fer.) (Mollusca): Vegetables	Lebanon (?)		1		Calif.*
<i>Monomorium destructor</i> (Jerd.) (Formicidae): <i>Bryophyllum</i> sp.	Jamaica	1			Mass.
Bulb	Japan			1	Hawaii.
Flowers—mixed	Bermuda	1			N. Y.
Herb	Jamaica	1			Mass.
Orchid	do	1		1	Fla.
Rhizome—unidentified	do	1		1	Mass.
<i>Saccharum officinarum</i> (sugarcane)	Venezuela	1			N. Y.
<i>Vanda</i> sp. (orchid)	India			1	N. J.
<i>Moodna bisinuella</i> Hamp. (Phycitidae): <i>Zea mays</i> (corn)	Mexico		1		Tex.
<i>Morganella longispina</i> (Morg.) (Coccidae): <i>Citrus grandis</i> (pummelo)	Tahiti	1			Calif.*
<i>Nerium oleander</i> (oleander)	Bahamas, Bermuda		2		D. C., N. Y.
<i>Myochrous carinatus</i> Jac. (Chrysomelidae): <i>Ananas comosus</i> (pineapple)	Mexico	1			Tex.
<i>Myochrous femoralis</i> Jac. (Chrysomelidae): Orchid	Canal Zone			1	N. J.
<i>Myodocha longicollis</i> Stal (Lygaeidae): Orchid	Mexico		2		Tex.
<i>Nasutitermes nigriceps</i> (Haldeman) (Termitidae): Orchid	Trinidad			1	Fla.
<i>Neodyrocetes guianae</i> Blkm. (Scolytidae): <i>Cajanus cajan</i> (pigeonpea)	British Guiana			1	N. J.

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<i>Neoleucinodes elegantalis</i> (Guen.) (Pyraustidae):					
<i>Capsicum frutescens</i> (pepper)	Brazil		1		Pa.
<i>Lycopersicon esculentum</i> (tomato)	Brazil, Mexico	6	1		Pa., Tex.
<i>Solanum melongena</i> (eggplant)	Brazil		1		Md.
<i>Solanum</i> sp.	Paraguay			1	D. C.
<i>Neolobophora ruficeps</i> (Burm.) (Forficulidae):					
Orchid	Costa Rica			1	Fla.
<i>Nysius coenosulus</i> Stal (Lygaeidae):					
Airplane	Hawaii		1		Hawaii.
<i>Vanda</i> sp. (orchid)	do	1			Hawaii.
<i>Nysius simulans</i> Stal (Lygaeidae):					
<i>Stipa</i> sp.	Argentina			1	D. C.
<i>Odonaspis greeni</i> Ckll. (Coccidae):					
<i>Bambusa</i> sp. (bamboo)	Hawaii	1			Calif.*
<i>Oncometopia fowleri</i> Dist. (Cicadellidae):					
Palm	Mexico	1			Tex.
<i>Onthophagus taurus</i> (Schr.) (Scarabaeidae):					
<i>Ananas comosus</i> (pineapple)	Azores			1	N. Y.
<i>Orthezia praelonga</i> Dougl. (Coccidae):					
<i>Codiaeum</i> sp. (croton)	Unknown		1		N. Y.
<i>Orthezia selaginellae</i> Morr. (Coccidae):					
<i>Selaginella</i> sp.	Mexico			1	Tex.
<i>Orthotylus ericetorum</i> (Fall.) (Miridae):					
<i>Calluna vulgaris</i> (heather)	Scotland				Mass.
<i>Orycaenus bicolor</i> Fieber (Lygaeidae):					
Flowers—unidentified	Australia	1			Hawaii.
<i>Orydema fusiforme</i> Woll. (Curculionidae):					
Bulb—unidentified	Hawaii	1			Hawaii.
<i>Zingiber officinale</i> (ginger)	do	1			Hawaii.
<i>Orycaenus hyalinipennis</i> (Costa) (Lygaeidae):					
<i>Gossypium</i> sp. (cotton; boll)	Italian, Somaliland	1			N. Y.
<i>Orydema longulum</i> (Boh.) (Curculionidae):					
<i>Cordylone terminalis</i> (ti)	Hawaii	1			Hawaii.
<i>Strelitzia</i> sp.	do	1			Hawaii.
<i>Pachyzancla bipunctatis</i> (F.) (Pyraustidae):					
<i>Acalypha</i> sp. (?)	Brazil			1	P. R.
<i>Palaeopus costicollis</i> Mshll. (Curculionidae):					
<i>Dioscorea</i> sp. (yam)	Jamaica	1			Fla.*
<i>Pantomorus godmani</i> (Crotch) (Curculionidae):					
<i>Alpinia purpurata</i> (red ginger)	Hawaii	1			Hawaii.
<i>Cordylone terminalis</i> (ti)	do	1			Hawaii.
<i>Heliconia</i> sp.	do	1			Hawaii.
Orchid	do	1			Hawaii.
<i>Paraleyrodes citri</i> (Bondar) (?) (Aleyrodidae):					
Palm	Mexico	1			Tex.
<i>Paraleyrodes goyabae</i> (Goeldi) (?) (Aleyrodidae):					
<i>Psidium</i> sp., prob. <i>guajava</i>	do			1	Ariz.
<i>Parallelodiplosis cattleyae</i> Moll. ♀ (Itonididae):					
Orchid	Jamaica			1	Fla.
<i>Paraputo taraktogoni</i> Rao (Coccidae):					
<i>Curcuma amada</i>	India			1	Hawaii.
<i>Parlatoria camelliae</i> Comst. (Coccidae):					
<i>Camellia japonica</i> (camellia)	Japan	1		1	Hawaii.
<i>Camellia</i> sp.	Japan, Portugal			7	Calif.*, Hawaii, N. J.
<i>Parlatoria cinerea</i> Hadden (Coccidae):					
<i>Citrus aurantifolia</i>	Mexico	1			Calif.*
<i>Citrus aurantifolia</i> (sour lime)	Argentina, Mexico		3		Calif.*, Hawaii.
<i>Citrus paradisi</i> (grapefruit)	Argentina, Cuba, Grenada, Trinidad.		4		Calif.*, Fla.*, St. Thomas & St. John.
<i>Citrus sinensis</i> (orange)	Argentina, Israel, Italy		5		Calif.*, Fla.*.
<i>Parlatoria crotonis</i> Dougl. (Coccidae):					
<i>Codiaeum</i> sp. (croton)	Cuba	1			Fla.*
<i>Parlatoria oleae</i> (Colvée) (Coccidae):					
<i>Diospyros</i> sp. (persimmon)	Italy	1			N. Y.
<i>Malus sylvestris</i> (apple)	Egypt, Greece, Italy	4	1		La., N. Y.
<i>Olea europaea</i> (olive)	Spain			1	N. J.
<i>Prunus domestica</i> (plum)	Portugal		1		Mass.
<i>Rhus</i> sp. (sumac)	Italy			1	D. C.
<i>Sorbus</i> sp. (sorbe apple)	Greece	1			N. Y.

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<i>Parlatoria pseudaspidotus</i> Ldgr. (Coccidae):					
Orchid	Sumatra		1		Mass.
<i>Vanda</i> sp. (orchid)	Hawaii, Thailand	2		1	Hawaii, N. J.
<i>Parlatoria pyri</i> Marl. (Coccidae):					
<i>Acer</i> sp. (maple)	Japan			1	Calif.*
<i>Parlatoria zizyphus</i> (Lucas) (Coccidae):					
<i>Citrus grandis</i> (pummelo)	Formosa		1		Calif.*
<i>Citrus limon</i> (lemon)	Algeria, Italy, Morocco, Philippines	10			Calif.*, Hawaii, Pa.
<i>Citrus reticulata</i> (Mandarin orange)	Algeria, China, Japan	2	1		Calif.*, Hawaii, Pa.
<i>Citrus sinensis</i> (orange)	Italy, Morocco, Panama, Spain		6		Calif.*, Pa.
<i>Pealius hibisci</i> (Kot.) (Aleyrodidae):					
<i>Gardenia</i> sp.	Hawaii	1			Calif.*
<i>Pectinophora gossypiella</i> (Saund.) (Gelechiidae):					
<i>Gossypium</i> sp. (cotton)	Japan	6			Calif.*, Wash.
<i>Gossypium</i> sp. (cotton; boll)	Hawaii, Mexico	4	2		Hawaii, Tex.
<i>Gossypium</i> sp. (cotton; lint)	Mexico	1			Tex.
<i>Gossypium</i> sp. (cotton; lock)	do	1			Tex.
<i>Gossypium</i> sp. (cottonseed)	American Virgin Islands, Anglo-Egyptian Sudan, Argentina, Brazil, Hawaii, India, Italian Somaliland, Italy, Mexico, Puerto Rico, Turkey	15	2	6	Ala., D. C., Hawaii, Nebr., N. Y., Pa., S. C., Tex.
<i>Gossypium</i> sp. (cotton; squares)	Mexico	1			Tex.
<i>Gossypium</i> sp. (seed cotton)	Antigua, Mexico	32	6	1	Mich., Tex.
<i>Hibiscus esculentus</i> (okra)	Haiti, Mexico, Trinidad, Turkey	7			La., Mass., N. Y., Tex.
Railway car	Mexico		1		Tex.
Truck bed	do		5		Tex.
<i>Perkinsiella vitienensis</i> Kirk (Delphacidae):					
Airplane	Fiji Islands		2		Hawaii
<i>Phassus excrescens</i> Btlr. (?) (Hepialidae):					
<i>Paeonia suffruticosa</i> (tree peony)	Japan			1	Calif.*
<i>Pheidole megacephala</i> (F.) (Formicidae):					
<i>Acalypha wilkesiana</i> (painted copperleaf)	Hawaii	1			Hawaii
<i>Ananas comosus</i> (pineapple)	Cape Verde Islands, Cuba, Hawaii	2	1		Hawaii, N. Y., Pa.
<i>Capsicum frutescens</i> (pepper)	Union of South Africa		1		Pa.
<i>Epidendrum</i> sp. (orchid)	Dominican Republic			1	N. J.
<i>Gladiolus</i> sp.	Bermuda	1			N. Y.
<i>Hibiscus esculentus</i> (okra)	Cuba	1			La.
<i>Hibiscus</i> sp.	Bermuda, Hawaii	6		1	Hawaii, N. Y.
<i>Lansium domesticum</i> (lanzon)	Philippines	1			Hawaii
<i>Leonotis microphylla</i>	Transvaal			1	D. C.
<i>Lilium</i> spp. (lily)	Bermuda			1	N. Y.
Orchid	Brazil, Hawaii	1		1	Hawaii, N. J.
<i>Polianthes tuberosa</i> (tuberose)	Bermuda	1			N. Y.
<i>Schomburgkia</i> sp.	Honduras			1	Fla.
Tree seed	Dominica			1	P. R.
<i>Vanda</i> sp. (orchid)	Hawaii	1			Hawaii
<i>Zingiber officinale</i> (ginger)	do	3			Hawaii
<i>Phenacaspis aucubae</i> Cooley (Coccidae):					
<i>Diospyros</i> sp.	Korea			1	Calif.*
<i>Phenacaspis sandwicensis</i> Full. (Coccidae):					
<i>Cocos nucifera</i> (coconut)	Hawaii	4			Calif.*, Hawaii
<i>Mangifera indica</i> (mango)	do	1			Hawaii
<i>Strelitzia reginae</i> (bird-of-paradise-flower)	do	2			Hawaii
<i>Terminalia catappa</i> (tropical almond)	do	1			Hawaii
<i>Phenacoccus fujicola</i> Kuw. (Coccidae):					
<i>Wisteria</i> sp.	Japan			1	Wash.
<i>Phlyctaenia ferrugalis</i> (Hbn.) (Pyraustidae):					
<i>Allium porrum</i> (leek)	Belgium		1		Calif.*
<i>Phlyctinus callosus</i> Boh. (Curculionidae):					
<i>Vitis</i> sp. (grape)	Union of South Africa	7			N. Y.

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<i>Phorodon menthae</i> Buckt. (Aphidae): <i>Mentha spicata</i> (spearmint).....	Australia.....		1		Hawaii.
<i>Phyllotreta atra</i> (F.) (Chrysomelidae): <i>Brassica oleracea capitata</i> (cabbage).....	France.....		1		Va.
<i>Phyllotreta consobrina</i> (Curt.) (Chrysomelidae): <i>Brassica oleracea capitata</i> (cabbage).....	do.....		1		Va.
<i>Phyllotreta nigripes</i> (F.) (Chrysomelidae): <i>Rorippa nasturtium-aquaticum</i> (watercress).....	do.....		1		N. Y.
<i>Phyllotreta undulata</i> Kutsch (Chrysomelidae): <i>Brassica oleracea capitata</i> (cabbage).....	do.....		1		Va.
<i>Phytomyza atricornis</i> Meig. (?) (Agromyzidae): <i>Brassica oleracea botrytis</i> (cauliflower).....	Belgium, Denmark, England, Netherlands, Portugal, England.....		9		Pa., Tex.
<i>Brassica oleracea capitata</i> (cabbage).....	England.....		7		Tex.
<i>Piezodorus lituratus</i> (F.) (Pentatomidae): <i>Laurus nobilis</i> (grecian laurel).....	Italy.....			1	N. Y.
<i>Pinnaeus buxi</i> (Bouche) (Coccidae): Araceae.....	Panama.....			1	Calif.*
<i>Cocos nucifera</i> (coconut).....	Ecuador, Mexico.....	1	1		Calif.*
<i>Cordylone terminalis</i> (ti).....	Hawaii.....	1			Hawaii.
<i>Dracaena</i> sp.....	Panama.....			1	N. J.
<i>Nipa</i> sp. (palm).....	British Guiana.....			1	Fla.
Palm.....	Cuba.....	1			Tex.
<i>Philodendron</i> sp.....	Hawaii.....	1			Hawaii.
<i>Strelitzia</i> sp.....	Trinidad.....			1	N. Y.
<i>Pinnaeus exercitata</i> (Green) (Coccidae): <i>Bulbophyllum leopardinum</i>	India.....			1	N. J.
<i>Pinnaeus uniloba</i> (Kuw.) (Coccidae): <i>Alycia olivaeformis</i> (maile).....	Hawaii.....	3			Calif.*, Hawaii.
<i>Pityogenes bidentatus</i> (Hbst.) (Scolytidae): <i>Pinus</i> sp. (pine).....	Germany.....	1			Ala.
<i>Pityogenes chalcographus</i> (L.) (Scolytidae): <i>Picea</i> sp. (spruce).....	Sweden.....	1			N. Y.
<i>Pinus</i> sp. (pine).....	Germany.....	1			La.
<i>Platoceticus symmetrica</i> Dyar (Psychidae): <i>Ananas comosus</i> (pineapple).....	Mexico.....	1			Tex.
<i>Platynota rostrana</i> (Wlk.) (Tortricidae): <i>Capsicum frutescens</i> (pepper).....	do.....	1			Calif.*
<i>Lycopersicon esculentum</i> (tomato).....	do.....	4			Tex.
<i>Plautia brunneipennis</i> (Montr.) (Pentatomidae): <i>Cymbidium</i> sp. (orchid).....	Australia.....	1			Hawaii.
<i>Pogonocherus hispidulus</i> (Piller & Mitterpacher) (Cerambycidae): Wooden crate.....	Sweden.....	1			Wash.
<i>Poliaspis pini</i> Mask. (Coccidae): <i>Pinus</i> sp. (2-leaved pine).....	Japan.....			1	Calif.*
<i>Polychrosis botrana</i> (Schiff.) (Olethreutidae): <i>Vitis</i> sp. (grape).....	Germany, Italy.....	2			N. Y.
<i>Porotermes quadricollis</i> (Rambur) (Hodotermitidae): <i>Prunus domestica</i> (plum).....	Chile.....	1			N. Y.
<i>Prays oleellus</i> (F.) (Hyponomeutidae): <i>Olea europaea</i> (olive).....	Italy.....	1			N. Y.
<i>Prodenia ornithogalli</i> Guen. (Phalaenidae): <i>Hyacinthus</i> sp. (hyacinth).....	Bermuda.....	1			N. Y.
<i>Lilium</i> sp. (lily).....	do.....	1			N. Y.
<i>Scabiosa</i> sp.....	do.....	1			Mass.
<i>Protaetia fusca</i> (Hbst.) (Scarabaeidae): Airplane.....	Hawaii.....		10		Hawaii.
Flowers—unidentified.....	do.....	2			Calif.*, Hawaii.
<i>Gardenia augusta</i> (gardenia).....	do.....	1			Hawaii.
<i>Heliconia</i> sp.....	do.....	1			Hawaii.
<i>Monstera</i> sp.....	do.....	1			Hawaii.
<i>Protaetia orientalis</i> (Gory & Perch.) (Scarabaeidae): Airplane.....	Japan.....		1		Hawaii.
<i>Protopulvinaria longilabata</i> Green (Coccidae): <i>Gardenia augusta</i> (gardenia).....	Cuba, Guatemala, Trinidad, id.,.....	3			Calif.*, N. Y.
<i>Pseudoanidia clavigera</i> (Ckll.) (Coccidae): <i>Camellia</i> sp.....	Formosa.....			1	D. C.

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<i>Pseudaonidia trilobitiformis</i> (Green) (Coccidae):					
<i>Ficus</i> sp.	Colombia	1			Fla.*
<i>Nerium oleander</i> (oleander)	do	1			Fla.*
Orchid	Canal Zone, Colombia	1		1	Fla., Fla.*
<i>Pseudaspidopectus fulleri</i> (Ckll.) (Coccidae):					
<i>Andropogon spathiflorus</i>	Union of South Africa			1	D. C.
<i>Pseudischnaspis alienus</i> (Newst.) (Coccidae):					
<i>Cattleya</i> sp. (orchid)	Honduras, Venezuela			2	Fla., N. J.
<i>Oncidium</i> sp. (orchid)	Guatemala			1	N. J.
Orchid	British Honduras, Canal Zone, Panama, Salvador.			6	Calif., Fla., N. J., Tex.
<i>Pseudischnaspis longissima</i> (Ckll.) (Coccidae):					
<i>Persea</i> var.	Costa Rica			1	Calif.*
<i>Pseudococcus boninsis</i> (Kuw.) (Coccidae):					
<i>Saccharum officinarum</i> (sugarcane)	Mexico	1			Calif.*
<i>Pseudococcus gahani</i> Green (Coccidae):					
<i>Rhododendron</i> sp.	France			1	N. Y.
<i>Rosa</i> sp.	Australia	1			Hawaii.
<i>Pseudococcus kraunhiae</i> (Kuw.) (Coccidae):					
<i>Diospyros</i> sp. (persimmon)	Japan	2			Hawaii.
<i>Pseudococcus lilacinus</i> Ckll. (Coccidae):					
<i>Mangifera indica</i> (mango)	Guam	1			Minn.
<i>Pseudococcus palmarum</i> (Ehrh.) (Coccidae):					
<i>Cocos nucifera</i> (coconut)	Hawaii	5			Hawaii.
<i>Pseudococcus pini</i> (Kuw.) (Coccidae):					
<i>Pinus</i> sp. (5-leaved pine)	Japan			1	Hawaii.
<i>Pinus</i> sp.	do			1	N. Y.
<i>Pseudococcus saipanensis</i> Shir. (Coccidae):					
<i>Cocos nucifera</i> (coconut)	Guam	1		1	Hawaii.
<i>Pseudoparlatoria ostreata</i> (Ckll.) (Coccidae):					
<i>Carica papaya</i> (papaya)	Sierra Leone		1		Pa.
<i>Pseudoparlatoria punctata</i> Ferris (Coccidae):					
<i>Camellia</i> sp.	Mexico	1			Calif.*
<i>Pseudothrips glaucus</i> Bagn. (Thripidae):					
Flowers—mixed	Union of South Africa	1			N. Y.
<i>Psylliodes chrysocephala</i> (L.) (Chrysomelidae):					
<i>Brassica rapa</i> (turnip)	France		1		N. Y.
<i>Pinus tectus</i> Boield. (Ptilidae):					
<i>Gossypium</i> sp. (cottonseed)	Argentina	1			Wash.
<i>Ptochoryctis tsugensis</i> Mear. (?) (Xyloryctidae):					
<i>Pinus</i> sp. (5-leaved pine)	Japan			1	Hawaii.
<i>Pulvinaria psidii</i> (Mask.) (Coccidae):					
<i>Alpinia</i> sp. (red ginger)	Hawaii	5			Hawaii.
<i>Anthurium</i> sp.	do	1			Hawaii.
<i>Clusia rosea</i> (copey clusia)	do	1			Hawaii.
<i>Gardenia augusta</i> (gardenia)	do	5			Hawaii.
<i>Iraea coccinea</i>	Australia		1		Hawaii.
<i>Litchi chinensis</i> (lychee)	Hawaii	1			Hawaii.
<i>Mussaenda</i> sp.	Philippines		1		Calif.*
Plant—unknown	Antigua	1			St. Croix.
<i>Puto ulter</i> Ferris (Coccidae):					
<i>Brassia</i> sp. (orchid)	Guatemala			1	Tex.
<i>Lycaste cruenta</i> (orchid)	do			1	Calif.*
<i>Lycaste skinneri</i> (orchid)	do			1	Calif.*
<i>Odontoglossum grande</i> (orchid)	do			1	Tex.
Orchid	do			2	Tex., Wash.
<i>Pyrausta nubilalis</i> (Hbn.) (Pyraustidae):					
<i>Capisium frutescens</i> (pepper)	Italy		1		Pa.
<i>Phaseolus vulgaris</i> var. (string bean)	Japan		12		Calif.*, Oreg., Wash.
<i>Sorghum vulgare technicum</i> (broomcorn)	Italy	3			Mass., N. Y.
<i>Rhagoletis cerasi</i> (L.) (Tephritidae):					
<i>Prunus</i> sp. (cherry)	France, Germany, Italy, Netherlands, Portugal.	8	12		Mass., N. Y.
<i>Rhagoletis cerasi</i> (L.) (?) (Tephritidae):					
<i>Prunus</i> sp. (cherry)	Italy	4			Mass.
<i>Rhagoletis pomonella</i> (Walsh) (Tephritidae):					
<i>Crataegus</i> sp. (thornapple)	Mexico	1			Tex.
<i>Malus sylvestris</i> (apple)	do	8	1		N. Y., Tex.
<i>Rhagoletis pomonella</i> (Walsh.) (?) (Tephritidae):					
<i>Malus sylvestris</i> (apple)	do	1			Tex.

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<i>Rhynchaenus fagi</i> (L.) (Curculionidae): Soil with lemon and orange trees.....	Italy.....	—	—	1	N. Y.
<i>Rhynchaenus populi</i> (F.) (Curculionidae): <i>Syringa</i> sp. (lilac).....	Netherlands.....	1	—	—	N. Y.
<i>Ribua innoxia</i> Hein. (Phycitidae): <i>Ananas comosus</i> (pineapple).....	Cuba.....	9	—	—	N. Y.
<i>Schwiebea talpa</i> Oudms. (Acaridae): <i>Convallaria majalis</i> (lily-of-the-valley).....	Denmark.....	—	—	1	N. Y.
<i>Scotinophara lurida</i> (Burm.) (Pentatomidae): <i>Oryza sativa</i> (rice).....	Japan.....	1	—	—	Hawaii.
<i>Selenaspilus portulacariae</i> Hall (Coccidae): <i>Portulacaria afra</i>	Union of South Africa.....	—	—	1	D. C.
<i>Selenothrips rubrocinctus</i> (Giard) (Thripidae): <i>Cola acuminata</i> (kola).....	Jamaica.....	—	—	1	N. J.
<i>Sesamia cretica</i> Led. (Phalaenidae): <i>Sorghum vulgare technicum</i> (broomcorn).....	France, Greece, Italy, Turkey.....	13	—	—	Md., Mass., N. Y.
<i>Sinozyllon anale</i> Lesne (Bostrichidae): Wood.....	India.....	1	—	—	N. Y.
<i>Sinozyllon conigerum</i> Gerst. (Bostrichidae): Airplane.....	Hawaii.....	—	1	—	Hawaii.
<i>Samanea saman</i> (monkey pod).....	do.....	2	—	—	Hawaii.
Wooden crate.....	India.....	26	—	—	Calif.*
Wooden tray.....	Haiti.....	1	—	—	Fla.
<i>Siphanta acuta</i> (Walk.) (Flatidae): <i>Alpinia</i> sp. (red ginger).....	Hawaii.....	1	—	—	Hawaii.
<i>Anthurium</i> sp.....	do.....	1	—	—	Hawaii.
<i>Sisamnes contractus</i> Dist. (Lygaeidae): <i>Ananas comosus</i> (pineapple).....	Mexico.....	2	—	—	Tex.
<i>Sitona lineata</i> (L.) (Curculionidae): <i>Convallaria majalis</i> (lily-of-the-valley).....	Denmark.....	—	—	1	Calif.*
<i>Phlox</i> sp.....	Netherlands.....	—	—	1	Wash.
<i>Rhododendron</i> sp. (azalea).....	do.....	—	—	1	Wash.
<i>Sizeonotus luteiceps</i> (Reuter) (Miridae): Cactus.....	Mexico.....	—	—	1	Tex.
<i>Mammillaria</i> sp. (cactus).....	do.....	—	—	3	Tex.
<i>Specularius impressothorax</i> (Pic) (Bruchidae): <i>Erythrina constantiana</i>	Union of South Africa.....	—	—	1	Calif.*
<i>Erythrina</i> sp.....	Angola.....	—	—	1	D. C.
<i>Stenoma anonella</i> (Sepp) (Stenomidae): <i>Annona muricata</i> (sourpaw).....	Ecuador, Nicaragua.....	—	3	—	Fla., S. C.
<i>Stenoma catenifer</i> Wlsm. (Stenomidae): <i>Persea americana</i> (avocado).....	Brazil, Canal Zone, Colombia, Ecuador, Mexico.....	10	7	1	Calif.*, N. Y., Tex.
<i>Stenotrupis marshalli</i> Zimm. (?) (Curculionidae): <i>Cocos nucifera</i> (coconut).....	Fiji.....	—	—	1	Hawaii.
<i>Stephanitis oberti</i> (Kolenati) (Tingidae): <i>Gaylussacia</i> sp. (huckleberry).....	Sweden.....	—	—	1	N. Y.
<i>Stephanitis pyrioides</i> (Scott) (Tingidae): <i>Rhododendron</i> sp. (azalea).....	Japan.....	—	—	1	Calif.*
<i>Stephanoderes hampei</i> (Ferr.) (Scolytidae): <i>Coffea arabica</i> (Arabian coffee).....	Belgian Congo, Brazil.....	—	—	3	D. C.
<i>Coffea congenis</i>	Belgian Congo, Indonesia.....	—	—	2	D. C.
<i>Coffea</i> sp.....	Unknown.....	—	—	1	D. C.
<i>Sternonchus mangiferae</i> (F.) (Curculionidae): <i>Mangifera indica</i> (mango).....	Hawaii, India, Tahiti, Thailand.....	32	3	4	Calif.*, Guam, Hawaii, N. Y., Va.
<i>Sybra alternana</i> (Wied.) (Cerambycidae): <i>Operculina tuberosa</i> (wood-rose).....	Hawaii.....	1	—	—	Hawaii.
<i>Syrpita oceanica</i> Macq. (Syrphidae): Airplane.....	do.....	—	1	—	Hawaii.
<i>Dracaena sandariana</i>	do.....	1	—	—	Hawaii.
<i>Taeniothrips atratus</i> (Hal.) (Thripidae): Airplane.....	Canada.....	—	1	—	Wash.
<i>Antirrhinum majus</i> (snapdragon).....	Germany.....	1	—	—	Mass.
<i>Apium graveolens</i> (celery).....	do.....	—	1	—	Pa.
<i>Calluna vulgaris</i> (heather).....	Scotland.....	4	—	—	Mass., N. Y.
<i>Chrysanthemum</i> sp.....	Denmark.....	1	—	—	N. Y.
<i>Dahlia</i> sp.....	Azores, Sweden.....	2	—	—	Mass., N. Y.

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Insect and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
<i>Taeniothrips atratus</i> —Continued					
<i>Dianthus</i> sp. (carnation).....	Germany, Netherlands, Scotland, unknown.	5	1		N. Y.
Flowers—mixed.....	Germany, Ireland	2			Mass., N. Y.
<i>Gladiolus</i> sp.....	Germany, Scotland, unknown.	3	2		N. Y.
<i>Lactuca sativa</i> (lettuce).....	England		2		N. Y., Pa.
<i>Lathyrus odoratus</i> (sweetpea).....	Ireland, Scotland.	2			Mass., N. Y.
<i>Leontopodium alpinum</i> (edelweiss).....	Switzerland	1			D. C.
<i>Rosa</i> sp.....	Germany	1			N. Y.
<i>Zinnia</i> sp.....	do.	1			N. Y.
<i>Taeniothrips dianthi</i> Pr. (Thripidae):					
<i>Dianthus</i> sp. (carnation).....	Greece, unknown	1	1		Mass.
Plants—mixed.....	Cuba			1	N. Y.
<i>Taeniothrips distalis</i> Ky. (Thripidae):					
<i>Chrysanthemum</i> sp.....	Japan		1		Hawaii.
<i>Taeniothrips ericae</i> (Hal.) (Thripidae):					
<i>Calluna vulgaris</i> (heather).....	England, Germany, Ireland, Scotland.	4	1		N. Y.
Soil and moss with heather.....	Scotland			1	Mass.
<i>Taeniothrips gracilis</i> Mlt. (Thripidae):					
Daisy.....	Bermuda	1			N. Y.
<i>Gerbera</i> sp.....	do.	1			N. Y.
<i>Iibiscus</i> sp.....	do.	1			N. Y.
<i>Lathyrus odoratus</i> (sweetpea).....	do.	2			N. Y.
<i>Lilium</i> sp.....	China			1	Hawaii.
<i>Narcissus</i> sp.....	do.			2	Do.
<i>Viola</i> sp. (violet).....	Bermuda	1			N. Y.
<i>Taeniothrips hawaiiensis</i> (Morg.) (Thripidae):					
<i>Cananga odorata</i> (ilang-ilang).....	Philippines		1		Hawaii.
<i>Cocos nucifera</i> (coconut).....	Hawaii	1			Hawaii.
<i>Cordyline terminalis</i> (ti).....	do.	1			Hawaii.
<i>Gardenia augusta</i> (gardenia).....	do.	20			Hawaii.
<i>Gladiolus</i> sp.....	Japan	1			Hawaii.
<i>Plumeria</i> sp.....	Hawaii	3			Hawaii.
<i>Polianthes tuberosa</i> (tuberose).....	do.	1			Hawaii.
<i>Vanda</i> sp. (orchid).....	do.	1			Hawaii.
<i>Taeniothrips picipes</i> (Zett.) (Thripidae):					
<i>Primula</i> spp.....	England	1			N. J.
<i>Taeniothrips vitticornis</i> (Ky.) (Thripidae):					
<i>Cannalia</i> sp.....	Hawaii	1			Hawaii.
<i>Gardenia augusta</i> (gardenia).....	do.	1			Hawaii.
<i>Taeniothrips vulgatissimus</i> (Hal.) (Thripidae):					
Airplane.....	Canada		1		Wash.
<i>Calluna vulgaris</i> (heather).....	Germany	1			N. Y.
<i>Dianthus</i> sp. (carnation).....	Scotland, unknown	1	1		N. Y.
Flowers—mixed.....	Ireland	1			Mass.
<i>Gladiolus</i> sp.....	Unknown		1		N. Y.
<i>Lathyrus odoratus</i> (sweetpea).....	Ireland, Scotland.	2			Mass., N. Y.
<i>Lathyrus</i> sp.....	England	1			N. Y.
<i>Talponia batesi</i> Hein. (Olethreutidae):					
<i>Annona cherimola</i> (cherimoya).....	Mexico	1			Tex.
" <i>Targionia</i> " <i>bromiliae</i> (Leon) (Coccidae):					
<i>Ananas comosus</i> (pineapple).....	Mexico, Salvador	8			Calif.*, Tex.
" <i>Targionia</i> " <i>hartii</i> (Ckll.) (Coccidae):					
<i>Dioscorea</i> sp. (yam).....	Antigua, Barbados, Jost Van Dykes, Nevis, St. Martin, Tortola.	8	1		Ill., Mass., N. Y., St. Thomas, & St. John.
<i>Targionia laurina</i> Ldgr. (Coccidae):					
Leaf—unidentified.....	Madeira Islands	1			Mass.
" <i>Targionia</i> " <i>sacchari</i> (Ckll.) (Coccidae):					
<i>Canna edulis</i> (edible canna).....	Trinidad			1	Calif.*
<i>Saccharum officinarum</i> (sugarcane).....	Liberia, Puerto Rico	2			Mass., Pa.
<i>Tenthecoris angustimarginatus</i> Hsiao & Sailer (Miridae):					
Orchid.....	Mexico			6	Tex.
<i>Tenthecoris bicolor</i> Scott (Miridae):					
Orchid.....	Guatemala, Mexico			5	Fla., Tex.
<i>Tenthecoris confusus</i> Hsiao & Sailer (Miridae):					
Orchid.....	Mexico			16	Tex.

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<i>Tentecoris distinguendus</i> Hsiao & Sailer (Miridae):					
Orchid.....	Salvador.....	1	Fla.
<i>Tentecoris vestitus</i> (Dist.) (Miridae):					
<i>Oncidium cavendishianum</i> (orchid).....	Guatemala.....	.....	.....	1	Calif.*
Orchid.....	Guatemala, Mexico.....	.....	.....	2	Tex.
<i>Tetraleurodes acaciae</i> (Q.) (Aleyrodidae):					
<i>Gtiricidia septum</i>	Venezuela.....	.....	.....	1	Ga.
Leaf—unidentified.....	Mexico.....	1	.....	.....	Tex.
<i>Prosopis</i> sp. (mesquite).....	do.....	1	.....	.....	Ariz.
<i>Tetraleurodes ursorum</i> (Ckll.) (Aleyrodidae):					
<i>Citrus aurantifolia</i> (sour lime).....	do.....	1	.....	.....	Tex.
<i>Schinus molle</i> (California pepper tree).....	do.....	1	.....	.....	Tex.
<i>Thrips angusticeps</i> Uzel (Thripidae):					
<i>Anemone</i> sp.....	Greece.....	1	.....	.....	Pa.
<i>Lactuca sativa</i> (lettuce).....	Denmark, England.....	.....	5	.....	N. Y., Pa., S. C.
<i>Rosa</i> sp. (rose).....	Greece.....	1	.....	.....	Mass.
<i>Thrips flavus</i> Schrank (Thripidae):					
<i>Acacia</i> sp.....	France.....	.....	.....	1	Mass.
<i>Calluna vulgaris</i> (heather).....	Germany, Scotland.....	3	.....	.....	N. Y.
<i>Calluna</i> sp.....	Scotland.....	1	.....	.....	N. J.
<i>Dahlia</i> sp.....	Azores, Germany.....	2	.....	.....	Mass., N. Y.
<i>Dianthus</i> sp. (carnation).....	Unknown.....	.....	1	.....	N. Y.
<i>Gladiolus</i> sp.....	Germany, Israel, Scotland.....	3	.....	.....	N. Y.
<i>Gypsophila</i> spp.....	Ireland.....	1	.....	.....	N. Y.
<i>Lathyrus odoratus</i> (sweetpea).....	do.....	1	.....	.....	Mass.
<i>Rosa</i> sp. (rose).....	England, Germany.....	2	.....	.....	N. Y.
<i>Syringa</i> sp. (lilac).....	Germany.....	1	.....	.....	N. Y.
<i>Zinnia</i> sp.....	do.....	1	.....	.....	N. Y.
<i>Thrips major</i> Uzel (Thripidae):					
<i>Anemone</i> sp.....	Unknown.....	.....	1	.....	N. Y.
<i>Calluna vulgaris</i> (heather).....	Germany, Ireland, Scotland.....	3	.....	.....	N. Y.
<i>Chrysanthemum</i> sp.....	Denmark.....	1	.....	.....	N. Y.
<i>Dianthus</i> sp. (carnation).....	Scotland.....	1	.....	.....	N. Y.
<i>Helianthus</i> sp. (sunflower).....	Germany.....	1	.....	.....	N. Y.
<i>Lathyrus odoratus</i> (sweetpea).....	Ireland.....	1	.....	.....	Mass.
<i>Rosa</i> sp. (rose).....	do.....	.....	1	.....	N. Y.
<i>Syringa</i> sp. (lilac).....	Germany.....	1	.....	.....	N. Y.
<i>Thrips nigropilosus</i> Uzel (Thripidae):					
<i>Dahlia</i> sp.....	Sweden.....	1	.....	.....	N. Y.
Flowers—mixed.....	Japan.....	1	.....	.....	Wash.
<i>Gypsophila</i> spp.....	Ireland.....	1	.....	.....	N. Y.
<i>Tortrix excessana</i> (Walk.) (Tortricidae):					
<i>Malus sylvestris</i> (apple).....	New Zealand.....	2	.....	.....	N. Y.
<i>Tortrix postvittana</i> (Walk.) (Tortricidae):					
<i>Malus sylvestris</i>	do.....	1	.....	.....	N. Y.
<i>Toxotrypana curvicauda</i> Gerst. (Tephritidae):					
<i>Carica papaya</i> (papaya).....	Mexico, Panama, Trinidad.....	3	1	.....	Ala., Fla., Tex.
<i>Tetraleurodes lauri</i> (Sign.) (Aleyrodidae):					
<i>Laurus nobilis</i> (Grecian laurel).....	Italy.....	1	.....	.....	Mass.
<i>Laurus</i> sp. (?).....	do.....	1	.....	.....	Oreg.
<i>Tricentrus albomaculatus</i> Dist. (Membracidae):					
<i>Acalypha</i> sp.....	Hawaii.....	2	.....	.....	Hawaii.
<i>Codiaeum</i> sp. (croton).....	do.....	1	.....	.....	Hawaii.
<i>Trionymus lounsburyi</i> Brain (Coccidae):					
<i>Hymenocallis</i> sp. (spider lily).....	do.....	1	.....	.....	Hawaii.
<i>Trionymus sacchari</i> (Ckll.) (Coccidae):					
<i>Saccharum officinarum</i> (sugarcane).....	Cuba, Mexico.....	4	1	.....	Ariz., Fla., Tex.
<i>Saccharum</i> sp.....	Cuba.....	.....	.....	1	D. C.
<i>Tuckerella pavoniformis</i> (Ewing) (Tuckerellidae):					
<i>Persea americana</i> (avocado).....	Hawaii.....	.....	1	.....	Calif.*
<i>Tydeus granulatus</i> Can. (Tydeidae):					
<i>Syringa persica</i> alba.....	England.....	1	N. J.
<i>Tydeus interruptus</i> Thor. (Tydeidae):					
Straw jacket.....	France.....	1	Fla.*

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<i>Unaspis citri</i> (Comst.) (Coccidae):					
<i>Citrus aurantifolia</i> (sour lime)	British West Indies		1		Calif.*
<i>Citrus paradisi</i> (grapefruit)	Haiti		1		Fla.*
<i>Citrus sinensis</i> (orange)	British West Indies, Colombia, Trinidad	1	2		Ala., Calif.*, Fla.*
<i>Citrus</i> sp.	Colombia, Trinidad	1		1	Fla.*, N. J.
<i>Unaspis euonymi</i> (Comst.) (Coccidae):					
Leaf—unidentified	Mexico	1			Tex.
<i>Unaspis yanonensis</i> (Kuw.) (Coccidae):					
<i>Citrus limon</i> (lemon)	Japan		7		Calif.*
<i>Citrus paradisi</i> (grapefruit)	do	1	6		Calif.*, Hawaii.
<i>Citrus reticulata</i> (Mandarin orange)	Japan, Philippines	6	42		Calif.*, Hawaii.
<i>Citrus sinensis</i> (orange)	Japan, Philippines, South Pacific (?)	2	48		Calif.*, Fla.*, Hawaii, Pa.
<i>Citrus</i> sp.	Japan	1			Hawaii.
<i>Vinsonia stellifera</i> (Westw.) (Coccidae):					
<i>Brassia</i> sp. (orchid)	Canal Zone			1	Calif.*
<i>Broughtonia</i> sp.	Jamaica			3	Fla.
<i>Cattleya</i> spp. (orchid)	Canal Zone			1	Calif.*
<i>Epidendrum</i> sp. (?) (orchid)	do			1	Calif.*
<i>Garcinia</i> sp.	do			1	Fla.
Leaf—unidentified	Barbados	1			Mass.
<i>Lycaste</i> sp. (orchid)	Canal Zone, Panama			2	Calif.*, N. J.
<i>Oncidium quadripetalum</i> (orchid)	Jamaica			1	Hawaii.
Orchid	Canal Zone, Jamaica, Panama, Trinidad, Venezuela			24	Calif.*, Fla., Hawaii, P. R., Va.
<i>Stanhopea</i> sp. (orchid)	Trinidad			2	Fla., N. J.
<i>Wachliella ericina</i> (Loew) (?) (Itonididae):					
<i>Calluna vulgaris</i> (heather)	Scotland	1			Mass.
<i>Xyleborus morstatti</i> Haged. (Scolytidae):					
<i>Acer</i> sp.	Japan			1	Hawaii.
<i>Xystrocerca globosa</i> (Oliv.) (Cerambycidae):					
Airplane	Hawaii			1	Hawaii.
<i>Zetha chavesi</i> (Bol.) (Polyphagidae):					
Herb	Azores	1			Mass.

Host and Insects

ABRUS:

Caryedon fuscus (Coleoptera)

ACACIA:

Mimosestes dominicanus (Coleoptera)*Mimosestes sallaei* (Coleoptera)*Thrips flavus* (Thysanoptera)

ACALYPHA:

Catorama herbarium (Coleoptera)*Pachyzancla bipunctalis* (Lepidoptera)*Pheidole megacephala* (Hymenoptera)*Tricentrus albomaculatus* (Homoptera)

ACER:

Parlatoria pyri (Homoptera)*Xyleborus morstatti* (Coleoptera)

ACHRAS:

Anastrepha fraterculus (?) (Diptera)*Anastrepha serpentina* (Diptera)

AGAVE:

Chrysomphalus agavis (Homoptera)*Helix aspersa* (Mollusca)

ALLIUM CEPA:

Glycyphagus domesticus (Acarina)

ALLIUM PORRUM:

Acrolepia assectella (Lepidoptera)*Phlyctaenia ferrugalis* (Lepidoptera)

ALLIUM SATIVUM:

Brachycerus albidulatus (Coleoptera)*Brachycerus alpinus* (Coleoptera)*Dyspessa ulula* (Lepidoptera)

ALPINIA:

Adoretus sinicus (Coleoptera)*Aonidiella inornata* (Homoptera)*Pantomorus godmani* (Coleoptera)*Pulvinaria psidii* (Homoptera)*Siphanta acuta* (Homoptera)

ALSTONIA:

Coccus viridis (Coleoptera)

ALYXIA:

Coccus capparidis (Homoptera)*Pinnaspis uniloba* (Homoptera)

ANACARDIUM:

Anastrepha mombinpraeoptans (Diptera)

ANANAS:

Alpheias conspirata (Lepidoptera)*Blissus leucopterus insularis* (Hemiptera)*Dolichotetranychus floridanus* (Acarina)*Iridomyrmex humilis* (Hymenoptera)*Ligyris ebenus* (Coleoptera)*Myocichrous carinatus* (Coleoptera)*Onthophagus taurus* (Coleoptera)*Pheidole megacephala* (Hymenoptera)*Platoceticus symmicta* (Lepidoptera)*Ribua innoxia* (Lepidoptera)*Sisamnes contractus* (Hemiptera)*"Targionia" bromiliae* (Homoptera)

ANDROPOGON:

Galgupha cinctulata (Hemiptera)*Pseudaspidopectus fulleri* (Homoptera)

Host and Insects—Continued

ANEMONE:

Thrips angusticeps (Thysanoptera)*Thrips major* (Thysanoptera)

ANNONA:

Amorbia emigratella (Lepidoptera)*Anastrepha ludens* (Diptera)*Ceratitis capitata* (Diptera)*Stenomoma anonella* (Lepidoptera)*Talponia batesi* (Lepidoptera)

ANOIGANTHUS:

Brithys pancratii (Lepidoptera)

ANTHURIUM:

Adoretus sinicus (Coleoptera)*Bradybaena similis* (Mollusca)*Ceroplastes rubens* (Homoptera)*Chrysomphalus umboniferus* (Homoptera)*Pulvinaria psidii* (Homoptera)*Siphanta acuta* (Homoptera)

ANTIGONON:

Asterolecanium epidendri (Homoptera)

ANTIRRHINUM:

Haplothrips gowdeyi (Thysanoptera)*Taeniothrips atratus* (Thysanoptera)

APIUM:

Anuraphis tulipae (Homoptera)*Bradybaena similis* (Mollusca)*Cavariella capreae* (Homoptera)*Deroceras reticulatum* (Mollusca)*Taeniothrips atratus* (Thysanoptera)

ARACEAE:

Deroceras reticulatum (Mollusca)*Pinnaspis buri* (Homoptera)

ARUNDINARIA:

Brevipalpus phoenicis (Acarina)*Leucaspis cockerelli* (Homoptera)

ASPLENIUM:

Ferrisia virgata (Homoptera)

ASTER:

Capitophorus formosanus (Homoptera)

BAMBOO:

Asterolecanium bambusae (Homoptera)*Asterolecanium mliaris mliaris* (Homoptera)*Asterolecanium mliaris robustum* (Homoptera)*Conarthrus vicinus* (Coleoptera)

BAMBUSA:

Asterolecanium bambusae (Homoptera)*Lepidosaphes vermiformis* (Homoptera)*Odonaspis greeni* (Homoptera)

BEAUCARNEA:

Lepidosaphes philococcus (Homoptera)

BETA:

Lixus junci (Coleoptera)

BETULA:

Eriophyes leionctus (Acarina)

BILLBERGIA:

Bradybaena similis (Mollusca)

BLIGHIA:

Coccus viridis (Homoptera)

BRASSAVOLA:

Furcaspis bififormis (Homoptera)

BRASSIA:

Furcaspis bififormis (Homoptera)*Puto ulter* (Homoptera)*Vinsonia stellifera* (Homoptera)

BRASSICA OLERACEA BOTRYTIS:

Barathra brassicae (Lepidoptera)*Phytomyza atricornis* (?) (Diptera)

BRASSICA OLERACEA CAPITATA:

Deroceras reticulatum (Mollusca)*Evergastis forficatis* (Lepidoptera)*Evergastis rimosalis* (Lepidoptera)*Limax marginatus* (Mollusca)*Limax marinus* (Mollusca)*Mamestra brassicae* (Lepidoptera)*Phyllotreta atra* (Coleoptera)*Phyllotreta consobrina* (Coleoptera)*Phyllotreta undulata* (Coleoptera)*Phytomyza atricornis* (?) (Diptera)

BRASSICA RAPA:

Listroderes costirostris obliquus (Coleoptera)*Mamestra brassicae* (Lepidoptera)*Psylliodes chrysoccephala* (Coleoptera)

BRASSICA SP.:

Diocalandra taitensis (Coleoptera)

BROMELIACEAE:

Chrysomphalus umboniferus (Homoptera)

BROMUS:

Frankliniella cestrum (Thysanoptera)

BROUGHTONIA:

Vinsonia stellifera (Homoptera)

BRYOPHYLLUM:

Monomorium destructor (Hymenoptera)

BULBOPHYLLUM:

Pinnaspis exercitata (Homoptera)

BUXUS:

Eriophyes canestrinii (Acarina)

CACTUS:

Lepidosaphes philococcus (Homoptera)*Sizeonotus luteiceps* (Hemiptera)

CAESALPINIA:

Mimosestes dominicanus (Coleoptera)

CAJANUS:

Ancylotomia stercorea (Lepidoptera)*Callosobruchus maculatus* (Coleoptera)*Neodryocetes guianae* (Coleoptera)

CALADIUM:

Aleurotrachelus trachoides (Homoptera)

CALATHEA:

Aspidiotus palmarum (Homoptera)

CALLUNA:

Ctenicera cupreus (Coleoptera)*Frankliniella intonsa* (Thysanoptera)*Gelechia ericetella* (Lepidoptera)*Micrelus ericae* (Coleoptera)*Orthotylus ericetorum* (Hemiptera)*Taeniothrips atratus* (Thysanoptera)*Taeniothrips ericae* (Thysanoptera)*Taeniothrips vulgarissimus* (Thysanoptera)*Thrips flavus* (Thysanoptera)*Thrips major* (Thysanoptera)*Wachtliella ericina* (?) (Diptera)

CALOPHYLLUM:

Ceroplastes rubens (Homoptera)

CAMELLIA:

Aspidiotus degeneratus (Homoptera)*Ceroplastes rubens* (Homoptera)*Parlatoria camelliae* (Homoptera)*Pseudonidia claviger* (Homoptera)*Pseudoparlatoria punctata* (Homoptera)

CANANGA:

Taeniothrips hawaiiensis (Thysanoptera)

CANAVALLIA:

Lampides boeticus (Lepidoptera)*Maruca testulalis* (Lepidoptera)*Taeniothrips viticornis* (Thysanoptera)

CANNA:

"Targionia" sacchari (Homoptera)

CAPSICUM:

Ceratitis capitata (?) (Diptera)*Dacus cucurbitae* (Diptera)*Gnorimoschema borsaniella* (?) (Lepidoptera)*Gnorimoschema gudmannella* (Lepidoptera)*Neoleucinodes elegantalis* (Lepidoptera)*Pheidole megacephala* (Hymenoptera)*Platynota rostrata* (Lepidoptera)*Pyrausta nubilalis* (Lepidoptera)

CARICA:

Pseudoparlatoria ostreata (Homoptera)*Toxotrypana curvicauda* (Diptera)

CASIMIROA:

Anastrepha ludens (Diptera)

CASSIA:

Aganeclesis indecora (Lepidoptera)*Carydon fuscus* (Coleoptera)

CASTANEA:

Curculio elephas (Coleoptera)*Laspesyesia splendana* (Lepidoptera)

CATTLEA:

Chrysomphalus tenax (Homoptera)*Eurytoma orchidearum* (Hymenoptera)*Furcaspis bififormis* (Homoptera)*Pseudischinaspis alienus* (Homoptera)*Vinsonia stellifera* (Homoptera)

CELTIS:

Aspidiotus pectinatus (tentative) (Homoptera)

CENTAUREA:

Haplothrips gowdeyi (Thysanoptera)

CHAENOMELES:

Anisobasis marginalis (Orthoptera)*Ceroplastes ceriferus* (Homoptera)*Lepidosaphes machili* (Homoptera)*Limax marginatus* (Mollusca)

CHAMAECYPARIS:

Aspidiotus pseudomeyeri (tentative) (Homoptera)*Lepidosaphes newsteadi* (Homoptera)

Host and Insects—Continued

CHAMAEDOREA:

- Asterolecanium epidendri* (Homoptera)
- Asterolecanium inlabefactum* (Homoptera)
- Chrysomphalus sphaeroides* (Homoptera)

CHRYSANTHEMUM:

- Capitophorus formosanus* (Homoptera)
- Frankliniella formosae* (Thysanoptera)
- Haplothrips gowdeyi* (Thysanoptera)
- Macrodactylus mexicanus* (Coleoptera)
- Microcephalothrips abdominalis* (Thysanoptera)
- Taeniothrips atratus* (Thysanoptera)
- Taeniothrips distalis* (Thysanoptera)
- Thrips major* Uzel (Thysanoptera)

CISTUS:

- Adoxophyes orana* (Lepidoptera)
- Macroplox fasciata* (Hemiptera)

CITRUS AURANTIFOLIA:

- Aleurocanthus woglumi* (Homoptera)
- Aleurothrixus floccosus* (Homoptera)
- Anastrepha ludens* (Diptera)
- Coccus viridis* (Homoptera)
- Leucaspis cockerelli* (Homoptera)
- Parlatoria cinerea* (Homoptera)
- Tetraleurodes ursorum* (Homoptera)
- Unaspis citri* (Homoptera)

CITRUS AURANTIUM:

- Anastrepha ludens* (Diptera)

CITRUS GRANDIS:

- Cryptophlebia leucotreta* (Lepidoptera)
- Morganella longispina* (Homoptera)
- Parlatoria zizyphus* (Homoptera)

CITRUS LIMON:

- Aonidiella inornata* (Homoptera)
- Ceratitidis capitata* (Diptera)
- Coccus viridis* (Homoptera)
- Leucaspis cockerelli* (Homoptera)
- Parlatoria zizyphus* (Homoptera)
- Unaspis yanonensis* (Homoptera)

CITRUS MEDICA:

- Anastrepha ludens* (Diptera)

CITRUS PARADISI:

- Aleurocanthus woglumi* (Homoptera)
- Anastrepha ludens* (Diptera)
- Anastrepha mombinpraecoptans* (Diptera)
- Anastrepha parallela* (?) (Diptera)
- Anastrepha suspensa* (Diptera)
- Ceratitidis capitata* (Diptera)
- Cryptophlebia leucotreta* (Lepidoptera)
- Leucaspis cockerelli* (Homoptera)
- Parlatoria cinerea* (Homoptera)
- Unaspis citri* (Homoptera)
- Unaspis yanonensis* (Homoptera)

CITRUS RETICULATA:

- Aleurocanthus woglumi* (Homoptera)
- Aonidiella citrina* (Homoptera)
- Ceratitidis capitata* (Diptera)
- Parlatoria zizyphus* (Homoptera)
- Unaspis yanonensis* (Homoptera)

CITRUS SINENSIS:

- Aleurocanthus woglumi* (Homoptera)
- Aleurothrixus floccosus* (Homoptera)
- Anastrepha fraterculus* (Diptera)
- Anastrepha ludens* (Diptera)
- Anastrepha serpentina* (Diptera)
- Aonidiella citrina* (Homoptera)
- Ceratitidis capitata* (Diptera)
- Ceroplastes rubens* (Homoptera)
- Chrysomphalus albopictus* (Homoptera)
- Coccus viridis* (Homoptera)
- Cryptophlebia leucotreta* (Lepidoptera)
- Dialeurodes citri* (Homoptera)
- Gymnandrosoma aurantianum* (Lepidoptera)
- Leucaspis cockerelli* (Homoptera)
- Parlatoria cinerea* (Homoptera)
- Parlatoria zizyphus* (Homoptera)
- Unaspis citri* (Homoptera)
- Unaspis yanonensis* (Homoptera)

CITRUS SP.:

- Aleurocanthus woglumi* (Homoptera)
- Dialaurodes citrifolii* (Homoptera)
- Ferrisia virgata* (Homoptera)
- Unaspis citri* (Homoptera)
- Unaspis yanonensis* (Homoptera)

CLUSIA:

- Pulvinaria psidii* (Homoptera)

COCOS:

- Aonidiella inornata* (Homoptera)
- Aspidiotus coryphae* (Homoptera)

COCOS—Continued

- Aspidiotus destructor* (Homoptera)
- Aspidiotus palmarum* (Homoptera)
- Asterolecanium degeneratum* (Homoptera)
- Chrysomphalus personatus* (Homoptera)
- Chrysomphalus scutiformis* (Homoptera)
- Diocalandra taitensis* (Coleoptera)
- Ereunetis flavistriata* (Lepidoptera)
- Furcaspis oceanica* (Homoptera)
- Lepidosaphes esakii* (Homoptera)
- Phenacaspis sandwicensis* (Homoptera)
- Pinnaspis buxi* (Homoptera)
- Pseudococcus palmarum* (Homoptera)
- Pseudococcus saipanensis* (Homoptera)
- Stenotrumpis marshalli* (?) (Coleoptera)
- Taeniothrips hawaiiensis* (Thysanoptera)

CODIAEUM:

- Asterolecanium pustulans* (Homoptera)
- Ferrisia virgata* (Homoptera)
- Lepidosaphes tokionis* (Homoptera)
- Orthesia praelonga* (Homoptera)
- Parlatoria crotonis* (Homoptera)
- Tricentrus albomaculatus* (Homoptera)

COFFEA:

- Aleurocanthus woglumi* (Homoptera)
- Ceratitidis capitata* (Diptera)
- Coccus viridis* (Homoptera)
- Dacus dorsalis* (Diptera)
- Stephanoderas hampei* (Coleoptera)

COLA:

- Selenothrips rubrocinctus* (Thysanoptera)

COLEUS:

- Lampides boeticus* (Lepidoptera)

CONVALLARIA:

- Schwiebia talpa* (Acarina)
- Sitona lineata* (Coleoptera)

CORDYLINE:

- Amorbia emigratella* (Lepidoptera)
- Bradybaena similis* (Mollusca)
- Ferrisia virgata* (Homoptera)
- Haplothrips gowdeyi* (Thysanoptera)
- Mitastethus browni* (Coleoptera)
- Orydema longulum* (Coleoptera)
- Pantomorus godmani* (Coleoptera)
- Pinnaspis buxi* (Homoptera)
- Taeniothrips hawaiiensis* (Thysanoptera)

CORYLUS:

- Curculio nucum* (Coleoptera)

CRATAEGUS:

- Rhagoletis pomonella* (Diptera)

CRYPTOMERIA:

- Diaspis carueli* (Homoptera)

CUCUMIS:

- Dacus cucurbitae* (Diptera)

CUCURBITA:

- Dacus ciliatus* (?) (Diptera)
- Dacus cucurbitae* (Diptera)

CURCUMA:

- Paraputo taraktogoni* (Homoptera)

CYCAD:

- Aulacoscelia elongata* (Coleoptera)

CYCNOCHES:

- Brevipalpus phoenicis* (Acarina)

CYDONIA:

- Anastrepha ludens* (Diptera)
- Ceratitidis capitata* (Diptera)

CYMBIDIUM:

- Chrysomphalus pinnulifera* (tentative) (Homoptera)
- Deroceras reticulatus* (Mollusca)
- Lepidosaphes tuberculata* (Homoptera)
- Plautia brunneipennis* (Hemiptera)

CYNARA:

- Apion carduorum* (Coleoptera)
- Cortyna flavago* (Lepidoptera)
- Cortyna ochracea* (Lepidoptera)
- Iridomyrmex humilis* (Hymenoptera)

CYNODON:

- Antonina graminis* (Homoptera)

CYPRIPEDIUM:

- Coccus capparidis* (Homoptera)

CYTISUS:

- Apion fuscirostre* (Coleoptera)

DAHLIA:

- Frankliniella paucispinosa* (Thysanoptera)
- Taeniothrips atratus* (Thysanoptera)
- Thrips flauus* (Thysanoptera)
- Thrips nigropilosus* (Thysanoptera)

Host and Insects—Continued

DAISY:

Taeniothrips gracilis (Thysanoptera)

DENDROBIUM:

Anaphotrips corbetti (Thysanoptera)
Delichotetranychus vandergooti (Acarina)
Ferrisia virgata (Homoptera)
Lepidosaphes tuberculata (Homoptera)

DIANTHUS:

Aufeius impressicollis (Hemiptera)
Frankliniella formosae (Thysanoptera)
Frankliniella intonsa (Thysanoptera)
Iridomyrmex humilis (Hymenoptera)
Lygus rugulipennis (Hemiptera)
Macrosiphum gei (?) (Homoptera)
Taeniothrips atratus (Thysanoptera)
Taeniothrips dianthi (Thysanoptera)
Taeniothrips vulgarissimus (Thysanoptera)
Thrips flavus (Thysanoptera)
Thrips major (Thysanoptera)

DIOSCOREA:

Palaeopus costicollis (Coleoptera)
"Targionia" hartii (Homoptera)

DIOSPYROS:

Ceratitis capitata (Diptera)
Glycyphagus domesticus (Acarina)
Parlatoria oleae (Homoptera)
Phenacaspis aucubae (Homoptera)
Pseudococcus kraunthiae (Homoptera)

DRACAENA:

Pinnaspis buxi (Homoptera)
Syrilla oceanica (Diptera)

EPIDENDRUM:

Asterolecanium epidendri (Homoptera)
Furcaspis biformis (Homoptera)
Pheidole megacephala (Hymenoptera)
Vinsonia stellifera (Homoptera)

ERIOBOTRYA:

Ceratitis capitata (Diptera)

ERYTHRINA:

Specularius impressothorax (Coleoptera)

EUGENIA:

Anastrepha mombinpraepians (Diptera)
Heterotermes convernotatus (Isoptera)

EUPHORBIA:

Micrapate labialis (Coleoptera)

EURYA:

Aspidiotus degeneratus (Homoptera)

FICUS:

Asterolecanium pustulans (Homoptera)
Autoserica castanea (Coleoptera)
Ceratitis capitata (Diptera)
Ceroplastes rusci (Homoptera)
Lepidosaphes ficus (Homoptera)
Pseudonidia trilobitiformis (Homoptera)

FOENICULUM:

Deroceras reticulatum (Mollusca)

FRAXINUS:

Chrysomphalus personatus (Homoptera)

FREESIA:

Frankliniella bispinosa (Thysanoptera)

GALANTHUS:

Apion carduorum (Coleoptera)

GARCINIA:

Vinsonia stellifera (Homoptera)

GARDENIA:

Ceroplastes rubens (Homoptera)
Coccus nigris (Homoptera)
Dialeurodes citri (Homoptera)
Dialeurodes kirkaldyi (Homoptera)
Eucalymnatus tessellatus (Homoptera)
Ferrisia virgata (Homoptera)
Pealius hibisci (Homoptera)
Protatelia fusca (Coleoptera)
Protopulvinaria longivalvata (Homoptera)
Pulvinaria psidii (Homoptera)
Taeniothrips hawaiiensis (Thysanoptera)
Taeniothrips vitticornis (Thysanoptera)

GASTRORCHIS:

Chrysomphalus pinnulifera (tentative) (Homoptera)

GAYLUSSACIA:

Stephanitis oberti (Hemiptera)

GERBERA:

Haplothrips gowdeyi (Thysanoptera)
Taeniothrips gracilis (Thysanoptera)

GLADIOLUS:

Anuraphis tulipae (Homoptera)
Aphanus umbrosus (Hemiptera)

GLADIOLUS—Continued

Draeculacephala producta (Homoptera)
Erptochioma oblonga (Hemiptera)
Frankliniella bispinosa (Thysanoptera)
Frankliniella formosae (Thysanoptera)
Frankliniella fortissima (Homoptera)
Frankliniella intonsa (Thysanoptera)
Iridomyrmex humilis (Hymenoptera)
Pheidole megacephala (Hymenoptera)
Taeniothrips atratus (Thysanoptera)
Taeniothrips hawaiiensis (Thysanoptera)
Taeniothrips vulgarissimus (Thysanoptera)
Thrips flavus (Thysanoptera)

GLIRICIDIA:

Tetraleurodes acaciae (Homoptera)

GOSSYPIUM:

Bucculatrix thurberiella (Lepidoptera)
Orycaerus hyalinipennis (Hemiptera)
Pectinophora gossypiella (Lepidoptera)
Ptinus lectus (Coleoptera)

GYPSOPHILA:

Thrips flavus (Thysanoptera)
Thrips nigropilosus (Thysanoptera)

HEDERA:

Iridomyrmex humilis (Hymenoptera)

HELIANTHUS:

Thrips major (Thysanoptera)

HELICONIA:

Bradybaena similis (Mollusca)
Pantomorus godmani (Coleoptera)
Protatelia fusca (Coleoptera)

HIBISCUS:

Crocosema plebeiana (Lepidoptera)
Diaprepes famelicus var. (Coleoptera)
Frankliniella bispinosa (Thysanoptera)
Haplothrips gowdeyi (Thysanoptera)
Lepidosaphes tokionis (Homoptera)
Pectinophora gossypiella (Lepidoptera)
Pheidole megacephala (Hymenoptera)
Taeniothrips gracilis (Thysanoptera)

HYACINTHUS:

Aglossa cuprealis (Lepidoptera)
Prodenia ornithogalli (Lepidoptera)

HYMENOCALLIS:

Trionymus lounsburyi (Homoptera)

IPOMOEA:

Cylas formicarius (Coleoptera)
Cylas formicarius var. (Coleoptera)
Cylas formicarius elegantulus (Coleoptera)
Euscepes postfasciatus (Coleoptera)

IRIS:

Anuraphis tulipae (Homoptera)
Blissus leucopertus hirtus (Hemiptera)
Bregmatothrips iridis (Thysanoptera)

IXORA:

Coccus viridis (Homoptera)
Ferrisia virgata (Homoptera)
Pulvinaria psidii (Homoptera)

JASMINUM:

Dialeurodes kirkaldyi (Homoptera)
Frankliniella bispinosa (Thysanoptera)

JUNIPERUS:

Lepidosaphes newsteadi (Homoptera)
Lepidosaphes pallida (Homoptera)

KADSURA:

Ceroplastes rubens (Homoptera)

KALMIA:

Chrysomphalus paulistius (Homoptera)

KERRIA:

Allantus cinctus (Hymenoptera)

KHAYA:

Cordylomera spinicornis (Coleoptera)

LACTUCA:

Deroceras reticulatum (Mollusca)
Dicyphus annulatus (Hemiptera)
Macrosiphum formosanum (Homoptera)
Taeniothrips atratus (Thysanoptera)
Thrips angusticeps (Thysanoptera)

LAELIA:

Asterolecanium epidendri (Homoptera)
Chrysomphalus umboniferus (Homoptera)
Ferrisia virgata (Homoptera)
Furcaspis biformis (Homoptera)

LANSIUM:

Pheidole megacephala (Hymenoptera)

LATANIA:

Aspidiotus destructor (Homoptera)

Host and Insects—Continued

LATHYRUS:

- Bruchus tristis* (Coleoptera)
- Calocoris norvegicus* (Hemiptera)
- Haplothrips gowdeyi* (Thysanoptera)
- Taeniothrips atratus* (Thysanoptera)
- Taeniothrips gracilis* (Thysanoptera)
- Taeniothrips vulgatissimus* (Thysanoptera)
- Thrips flavus* (Thysanoptera)
- Thrips major* (Thysanoptera)

LAURUS:

- Chrysomphalus paulistus* (Homoptera)
- Iridomyrmex humilis* (Hymenoptera)
- Lecanium corni* (Homoptera)
- Piezodorus lituratus* (Hemiptera)
- Trialeurodes lauri* (Homoptera)

LEONOTIS:

- Pheidole megacephala* (Hymenoptera)

LEONTOPODIUM:

- Frankliniella pallida* (Thysanoptera)
- Taeniothrips atratus* (Thysanoptera)

LEUCOPHYLLUM:

- Chionaspis leucadendri* (Homoptera)

LILIUM:

- Aglossa cuprealis* (Lepidoptera)
- Diaeprepes famelicus* var. (Coleoptera)
- Euborellia moesta* (Orthoptera)
- Pheidole megacephala* (Hymenoptera)
- Prodenia ornithogalli* (Lepidoptera)
- Taeniothrips gracilis* (Thysanoptera)

LITCHI:

- Pulvinaria psidii* (Homoptera)

LIVISTONA:

- Aspidiotus destructor* (Homoptera)

LUPINUS:

- Bruchus tristis* (Coleoptera)

LYCASTE:

- Iridomyrmex iniquus* (Hymenoptera)
- Puto ulter* (Homoptera)
- Vinsonia stellifera* (Homoptera)

LYCOPERSICON:

- Dacus cucurbitae* (Diptera)
- Dacus dorsalis* (Diptera)
- Lineodes integra* (Lepidoptera)
- Neoleucinodes elegantalis* (Lepidoptera)
- Platynota rostrana* (Lepidoptera)

MACADAMIA:

- Cryptophlebia illepidia* (Lepidoptera)

MACROZANONIA:

- Dacus caudatus* (Diptera)

MALUS:

- Allantus cinctus* (Hymenoptera)
- Argyresthia confusella* (Lepidoptera)
- Ceratitis capitata* (Diptera)
- Cryptoblabes gnidiella* (Lepidoptera)
- Epiplataspis piricola* (Homoptera)
- Glycyphagus domesticus* (Acarina)
- Grapholitha molesta* (Lepidoptera)
- Parlatoria oleae* (Homoptera)
- Rhagoletis pomonella* (Diptera)
- Tortrix excessana* (Lepidoptera)
- Tortrix postvittana* (Lepidoptera)

MALVA:

- Apion aeneum* (Coleoptera)
- Apion radiolus* (Coleoptera)

MAMMEA:

- Anastrepha serpentina* (Diptera)

MAMMILLARIA:

- Gerstaeckeria mutillaria* (Coleoptera)
- Sezeonotus luteiceps* (Hemiptera)

MANGIFERA:

- Anastrepha fraterculus* (Diptera)
- Anastrepha ludens* (Diptera)
- Anastrepha mombinpraepans* (Diptera)
- Anastrepha serpentina* (Diptera)
- Anastrepha suspensa* (Diptera)
- Aspidiotus herculeanus* (Homoptera)
- Aulacaspis tubercularis* (Homoptera)
- Chrysomphalus personatus* (Homoptera)
- Dacus dorsalis* (Diptera)
- Euborellia plebeja* (Orthoptera)
- Phenacaspis sandwicensis* (Homoptera)
- Pseudococcus lilacinus* (Homoptera)
- Sternonchetus mangiferae* (Coleoptera)

MAXILLARIA:

- Furcaspis biformis* (Homoptera)

MELIA:

- Chrysomphalus personatus* (Homoptera)

MELILOTUS:

- Frankliniella cestrum* (Thysanoptera)

MENTHA:

- Phorodon menthae* (Homoptera)

MESFILUS:

- Ceratitis capitata* (Diptera)

MOMORDICA:

- Dacus cucurbitae* (Diptera)

MONSTERA:

- Cyrtosomphalus sphaeroides* (Homoptera)
- Chrysomphalus tenax* (Homoptera)
- Protaltia fusca* (Coleoptera)

MUSA PARADISIACA SAPIENTUM:

- Cosmopolites sordidus* (Coleoptera)
- Metamasius sericeus* (Coleoptera)
- Metamasius sericeus carbonarius* (Coleoptera)

MUSCARI:

- Bouhelia maroccana* (Homoptera)

MUSSAENDA:

- Ferrisia virgata* (Homoptera)
- Pulvinaria psidii* (Homoptera)

NARCISSUS:

- Lampetia equestris* (Diptera)
- Taeniothrips gracilis* (Thysanoptera)

NERIUM:

- Asterolecanium pustulans* (Homoptera)
- Cryptoblabes gnidiella* (Lepidoptera)
- Haplothrips gowdeyi* (Thysanoptera)
- Morganella longispina* (Homoptera)
- Pseudonidia trilobitiformis* (Homoptera)

NIPA:

- Pinnaspis buzi* (Homoptera)

NOLINA:

- Chrysomphalus smilacis* (Homoptera)

ODONTOGLOSSUM:

- Ferrisia virgata* (Homoptera)
- Puto ulter* (Homoptera)

OLEA:

- Aspidiotus braunschvigi* (tentative) (Homoptera)
- Dacus oleae* (Diptera)
- Parlatoria oleae* (Homoptera)
- Prays oleellus* (Lepidoptera)

ONCIDIUM:

- Furcaspis biformis* (Homoptera)
- Pseudischinaspis alienus* (Homoptera)
- Tenthetocoris vestitus* (Hemiptera)
- Vinsonia stellifera* (Homoptera)

OPERCULINA:

- Asterolecanium epidendri* (Homoptera)
- Ferrisia virgata* (Homoptera)
- Sybra alternana* (Coleoptera)

OPUNTIA:

- Ceratitis capitata* (Diptera)

ORCHID:

- Amorbia emigratella* (Lepidoptera)
- Anaphothrips orchidaceus* (Thysanoptera)
- Anchonus foveifrons* (Coleoptera)
- Asterolecanium epidendri* (Homoptera)
- Capaneus tetricus* (Hemiptera)
- Chrysomphalus odontoglossi* (Homoptera)
- Chrysomphalus tenax* (Homoptera)
- Chrysomphalus umboniferus* (Homoptera)
- Corimelaena elegans* (Hemiptera)
- Diorymerellus laevimargo* (Coleoptera)
- Epilachna varivestis* (Coleoptera)
- Eustrophinus marginatus* (Coleoptera)
- Fulvius anthocorides* (Hemiptera)
- Furcaspis biformis* (Homoptera)
- Galgupha magna* (Hemiptera)
- Iridomyrmex humilis* (Hymenoptera)
- Iridomyrmex iniquus* (Hymenoptera)
- Leucaspis cockerelli* (Homoptera)
- Ligyrocoris nitidicollis* (Hemiptera)
- Macropygium reticulare* (Hemiptera)
- Monomorium destructor* (Hymenoptera)
- Myochrous femoralis* (Coleoptera)
- Myodocha longicollis* (Hemiptera)
- Nasutitermes nigricaps* (Isoptera)
- Neolobophora ruficeps* (Orthoptera)
- Pantomorus godmani* (Coleoptera)
- Paralaelodiplosis cattleyae* (?) (Diptera)
- Parlatoria pseudaspidiotus* (Homoptera)
- Pheidole megacephala* (Hymenoptera)
- Pseudonidia trilobitiformis* (Homoptera)
- Pseudischinaspis alienus* (Homoptera)
- Puto ulter* (Homoptera)
- Tenthetocoris angustimarginatus* (Hemiptera)

Host and Insects—Continued

ORCHID—Continued

- Tenthecoris bicolor* (Hemiptera)
- Tenthecoris confusus* (Hemiptera)
- Tenthecoris distinguendus* (Hemiptera)
- Tenthecoris vestitus* (Hemiptera)
- Vinsonia stellifera* (Homoptera)

ORNITHOGALUM:

- Frankliniella schultzei* (Thysanoptera)
- Haplothrips nigricornis* (Thysanoptera)
- Haplothrips wouramboulchii* (Thysanoptera)

ORYZA:

- Chilo simplex* (Lepidoptera)
- Halyomorpha picta* (Hemiptera)
- Scotinophara lurida* (Hemiptera)

PACHYCYREUS:

- Lepidosaphes philococcus* (Homoptera)

PAEONIA:

- Phassus excrescens* (?) (Lepidoptera)

PALM:

- Aleurotrachelus trachoides* (Homoptera)
- Aspidiotus destructor* (Homoptera)
- Asterolecanium inlabefactum* (Homoptera)
- Chrysocoris grandis* (Hemiptera)
- Chrysomphalus sphaeroides* (Homoptera)
- Dysdercus flavolimbatus* (Hemiptera)
- Furcaspis biformis* (Homoptera)
- Oncometopia fowleri* (Homoptera)
- Paraleyrodes citri* (?) (Homoptera)
- Pinnaspis buzi* (Homoptera)

PEDILANTHUS:

- Furcaspis biformis* (Homoptera)

PERSEA:

- Anastrepha ludens* (Diptera)
- Aspidiotus destructor* (Homoptera)
- Aspidiotus diffinis* (Homoptera)
- Aspidiotus herculeanus* (Homoptera)
- Chrysomphalus albopictus* (Homoptera)
- Chrysomphalus personatus* (Homoptera)
- Conotrachelus aguacatae* (Coleoptera)
- Dacus dorsalis* (Diptera)
- Pseudischinaspis longissima* (Homoptera)
- Stenomoma calenifer* (Lepidoptera)
- Tuckerella pavoniformis* (Acarina)

PHALAEOPSIS:

- Chrysomphalus tingi* (Homoptera)

PHASEOLUS:

- Epinotia opposita* (Lepidoptera)
- Fundella pellucens* (Lepidoptera)
- Laspeyresia leguminis* (Lepidoptera)
- Maruca testulalis* (Lepidoptera)
- Pyrausta nubilalis* (Lepidoptera)

PHILODENDRON:

- Aonidiella citrina* (Homoptera)
- Asterolecanium epididori* (Homoptera)
- Asterolecanium pustulans* (Homoptera)
- Chrysomphalus albopictus* (Homoptera)
- Chrysomphalus sphaeroides* (Homoptera)
- Chrysomphalus tenax* (Homoptera)
- Fulvius anthocorides* (Hemiptera)
- Lepidosaphes carinata* (Homoptera)
- Pinnaspis buzi* (Homoptera)

PHLOX:

- Sitona lineata* (Coleoptera)

PHOENIX:

- Ceratitidis capitata* (Diptera)

PICEA:

- Hylurgops palliatus* (Coleoptera)
- Pityogenes chalcographus* (Coleoptera)

PINUS:

- Eulachnus piniformosanus* (?) (Homoptera)
- Hylurgops palliatus* (Coleoptera)
- Ips sexdentatus* (Coleoptera)
- Lepidosaphes newsteadi* (Homoptera)
- Pityogenes bidentatus* (Coleoptera)
- Pityogenes chalcographus* (Coleoptera)
- Poliaspis pini* (Homoptera)
- Pseudococcus pini* (Homoptera)
- Ptochoryctis tsugensis* (?) (Lepidoptera)

PITHECELLOBIUM:

- Cryptophlebia illepidia* (Lepidoptera)

PITTOSPORUM:

- Frankliniella bispinosa* (Thysanoptera)

PLUMERIA:

- Coccus viridis* (Homoptera)
- Chonchaspis newsteadi* (Homoptera)
- Taeniothrips hawaiiensis* (Thysanoptera)

POLIANTHES:

- Iridomyrmex humilis* (Hymenoptera)
- Pheidole megacephala* (Hymenoptera)
- Taeniothrips hawaiiensis* (Thysanoptera)

PORTULACA:

- Ferrisia virgata* (Homoptera)

PORTULACARIA:

- Selenaspis portulacariae* (Homoptera)

PRIMULA:

- Frankliniella intonsa* (Thysanoptera)
- Taeniothrips picipes* (Thysanoptera)

PROSOPIS:

- Tetraleurodes acaciae* (Homoptera)

PRUNUS DOMESTICA:

- Anastrepha mombinpraeopians* (Diptera)
- Aspidiotus diffinis* (Homoptera)
- Ceratitidis capitata* (Diptera)
- Epidiaspis piricola* (Homoptera)
- Listroderes subcinctus* (Coleoptera)
- Megalometis chiliensis* (Coleoptera)
- Parlatoria oleae* (Homoptera)
- Porotermes quadricollis* (Isoptera)

PRUNUS PERSICA:

- Anastrepha fraterculus* (Diptera)
- Anastrepha ludens* (Diptera)
- Ceratitidis capitata* (Diptera)
- Grapholitha molesta* (Lepidoptera)

PRUNUS PERSICA NECTARINA:

- Listroderes subcinctus* (Coleoptera)
- Megalometis chiliensis* (Coleoptera)

PRUNUS SERRULATA LANNESIANA:

- Anthonomus rectirostris* (Coleoptera)

PRUNUS SPINOSA (?):

- Diplacus gigantorhynchus* (Acarina)
- Eriophyes similis* (Acarina)

PRUNUS SP. (CHERRY)

- Rhagoletis cerasi* (Diptera)

PRUNUS VAR.:

- Ericerus pela* (Homoptera)

PSIDIUM:

- Aleuroglandulus emmae* (Homoptera)
- Anastrepha fraterculus* (Diptera)
- Anastrepha mombinpraeopians* (Diptera)
- Anastrepha striata* (Diptera)
- Anastrepha suspensa* (Diptera)
- Ceratitidis capitata* (Diptera)
- Dacus dorsalis* (Diptera)
- Paraleyrodes goyabae* (?) (Homoptera)

PUNICA:

- Amorbia emigratella* (Lepidoptera)
- Anastrepha ludens* (Diptera)
- Ceratitidis capitata* (?) (Diptera)
- Cryptoblabes gnidiella* (Lepidoptera)
- Mimosestes sallaei* (Coleoptera)

PYRUS:

- Anastrepha fraterculus* (Diptera)
- Anastrepha ludens* (Diptera)
- Ceratitidis capitata* (Diptera)
- Epidiaspis piricola* (Homoptera)
- Glycyphagus domesticus* (Acarina)

QUERCUS:

- Aspidiotus zonatus* (Homoptera)
- Curculio elephas* (Coleoptera)

RATHBUNIA:

- Icerya palmeri* (Homoptera)

RHODODENDRON:

- Acronecia rumicis* (Lepidoptera)
- Aleurolobus rhododendri* (Homoptera)
- Dialeurodes chittendeni* (Homoptera)
- Gracilaria azaleella* (Lepidoptera)
- Pseudococcus gahani* (Homoptera)
- Sitona lineata* (Coleoptera)
- Stephanitis pyrioides* (Hemiptera)

RHUS:

- Parlatoria oleae* (Homoptera)

RICINUS:

- Coccus viridis* (Homoptera)

RORIPPA:

- Hydrellia nasturtii* (Diptera)
- Phyllotreta nigripes* (Coleoptera)

ROSA:

- Eutetranychus banksi* (Acarina)
- Ferrisia virgata* (Homoptera)
- Frankliniella intonsa* (Thysanoptera)
- Pseudococcus gahani* (Homoptera)
- Taeniothrips atratus* (Thysanoptera)

Host and Insects—Continued

ROSA—Continued

Thrips angusticeps (Thysanoptera)
Thrips flavus (Thysanoptera)
Thrips major (Thysanoptera)

RUSCUS:

Aspidiotus britannicus (Homoptera)

SACCHARUM:

Iridomyrmex humilis (Hymenoptera)
Monomorium destructor (Hymenoptera)
Pseudococcus boninensis (Homoptera)
"Targionia" sacchari (Homoptera)
Trionymus sacchari (Homoptera)

SALIX:

Ceroplastes ceriferus (Homoptera)

SAMANEA:

Sinoxylon conigerum (Coleoptera)

SAPOTE:

Anastrepha ludens (Diptera)
Chrysomphalus personatus (Coleoptera)
Eutetranychus banksi (Acarina)

SCABIOSA:

Prodenia ornithogalli (Lepidoptera)

SCHINUS:

Tetraleurodes ursorum (Homoptera)

SCHOMBURGKIA:

Pheidole megacephala (Hymenoptera)

SCILLA:

Lampetia equestris (Diptera)

SELAGINELLA:

Epilachna varivestis (Coleoptera)
Orthesia selaginellae (Homoptera)

SMILAX:

Aulacaspis spinosa (Homoptera)

SOIL:

Deroceras reticulatum (Mollusca)
Glycyphagus domesticus (Acarina)
Mniophila muscorum (Coleoptera)
Rhynchaenus fagi (Coleoptera)
Taeniothrips ericae (Thysanoptera)

SOLANUM MELONGENA:

Leucinodes orbonalis (Lepidoptera)
Lineodes integra (Lepidoptera)
Neoleucinodes elegantalis (Lepidoptera)

SOLANUM TUBEROSUM:

Alloxurcis dorsalis (Coleoptera)
Glycyphagus domesticus (Acarina)
Lampetia equestris (Diptera)

SOLANUM SP.:

Neoleucinodes elegantalis (Lepidoptera)

SORBUS:

Parlatoria oleae (Homoptera)

SORGHUM:

Pyrausta nubilalis (Lepidoptera)
Sesamia cretica (Lepidoptera)

SPONDIAS:

Anastrepha mombinpraeoptans (Diptera)
Aspidiotus herculeanus (Homoptera)

STANTHOPEA:

Asterolecanium epidendri (Homoptera)
Brevipalpus phoenicis (Acarina)
Vinsonia stellifera (Homoptera)

STAPELIA:

Asterolecanium stentae (Homoptera)

STIPA:

Nysius simulans (Hemiptera)

STRELITZIA:

Orydema longulum (Coleoptera)
Phenacaspis sandwicensis (Homoptera)
Pinnaspis buxi (Homoptera)

SYRINGA:

Adorophyes orana (Lepidoptera)

SYRINGA—Continued

Dendrothrips ornatus (Thysanoptera)
Rhynchaenus populi (Coleoptera)
Thrips flavus (Thysanoptera)
Thrips major (Thysanoptera)
Tydeus granulovus (Acarina)

TAMARINDUS:

Caryedon fuscus (Coleoptera)

TAMARIX:

Lepidosaphes newsteadi (Homoptera)

TERMINALIA:

Dacus dorsalis (Diptera)
Phenacaspis sandwicensis (Homoptera)

TRACHYCARPUS:

Aspidiotus destructor (Homoptera)

TULIPA:

Anuraphis tulipae (Homoptera)

ULMUS:

Hylurgopinus rufipes (Coleoptera)

VACCINIUM:

Aleurotuberculatus similis (?) (Homoptera)

VANDA:

Anaphothrips corbeti (Thysanoptera)
Furcaspis biformis (Homoptera)
Iridomyrmex humilis (Hymenoptera)
Monomorium destructor (Hymenoptera)
Nysius coenosulus (Hemiptera)
Parlatoria pseudaspidiotus (Homoptera)
Pheidole megacephala (Hymenoptera)
Taeniothrips hawaiiensis (Thysanoptera)

VIBURNUM:

Aphis riburni (?) (Homoptera)

VICIA:

Apion pomonae (Coleoptera)
Bruchus brachialis (Coleoptera)
Bruchus dentipes (Coleoptera)
Bruchus guttalis (Coleoptera)
Bruchus luteicornis (Coleoptera)
Bruchus rufipes (Coleoptera)
Bruchus tristis (Coleoptera)

VIGNA:

Callosobruchus maculatus (Coleoptera)

VIOLA:

Haplothrips gowdeyi (Thysanoptera)
Taeniothrips gracilis (Thysanoptera)

VITIS:

Brachyrhinus rugosostriatus (Coleoptera)
Brevipalpus chilensis (Acarina)
Cryptoblabes gnidiella (Lepidoptera)
Iridomyrmex humilis (Hymenoptera)
Lecanium corni (Homoptera)
Leptoglossus chilensis (Hemiptera)
Phylloxera callosus (Coleoptera)
Polychrosis botrana (Lepidoptera)

WISTERIA:

Chionaspis wistariae (Homoptera)
Phenacoccus fujicola (Homoptera)

YUCCA:

Asterolecanium agavis (Homoptera)

ZANTEDESCHIA:

Iridomyrmex humilis (Hymenoptera)

ZEA:

Moodna bisinuella (Lepidoptera)

ZELKOVA:

Eriococcus abeliceae (Homoptera)
Lepidosaphes kuwacola (Homoptera)

ZINGIBER:

Oxydema fusiiforme (Coleoptera)
Pheidole megacephala (Hymenoptera)

ZINNIA:

Taeniothrips atratus (Thysanoptera)
Thrips flavus (Thysanoptera)

Hosts Unknown

AIRPLANE:

Adoretus sinicus (Coleoptera)
Anomala cuprea (Coleoptera)
Anomala viridana (Coleoptera)
Apogonalia stali (Homoptera)
Burtinus notatipennis (Hemiptera)
Conoderus vagus (Coleoptera)
Coptotermes formosanus (Isoptera)
Crocosema plebeiana (Lepidoptera)
Cylas formicarius elegantulus (Coleoptera)
Dacus dorsalis (Diptera)
Draeculacephala producta (Homoptera)
Iridomyrmex humilis (Hymenoptera)

AIRPLANE—Continued

Mimosastes sallaei (Coleoptera)
Nysius coenosulus (Hemiptera)
Perkinsiella vitiensis (Homoptera)
Protaetia fusca (Coleoptera)
Protaetia orientalis (Coleoptera)
Sinoxylon conigerum (Coleoptera)
Syrilla oceanica (Diptera)
Taeniothrips atratus (Thysanoptera)
Taeniothrips vulgatissimus (Thysanoptera)
Xystrocera globosa (Coleoptera)

BEAN:

Bruchus tristis (Coleoptera)

Hosts Unknown—Continued

BULB:

Monomorium destructor (Hymenoptera)
Orydema fusiforme (Coleoptera)

FERN:

Bradybaena similaris (Mollusca)

FLOWERS:

Amorbia emigratella (Lepidoptera)
Frankliniella bispinosa (Thysanoptera)
Frankliniella formosae (Thysanoptera)
Frankliniella schultzei (Thysanoptera)
Haplothrips gowdeyi (Thysanoptera)
Helix aspersa (Mollusca)
Microcephalothrips abdominalis (Thysanoptera)
Monomorium destructor (Hymenoptera)
Orycaenus bicolor (Hemiptera)
Protactia fusca (Coleoptera)
Pseudothrips glaucus (Thysanoptera)
Taeniothrips atratus (Thysanoptera)
Taeniothrips vulgarissimus (Thysanoptera)
Thrips nigropilosus (Thysanoptera)

FOREST LITTER:

Hypera nigrirostris (Coleoptera)

GRASS:

Aspidiotus bilobis (Homoptera)
Asterolecanium miliaris miliaris (Homoptera)

HERB:

Aglossa curprealis (Lepidoptera)
Monomorium destructor (Hymenoptera)
Zetha chavesi (Orthoptera)

IN BOX OF ANTHURIUMS:

Dacus dorsalis (Diptera)

IN GARBAGE CAN:

Anastrepha ludens (Diptera)

LEAF:

Aleuroplatus denticulatus (Homoptera)
Aleurothrixus myrtacei (Homoptera)
Chrysomphalus personatus (Homoptera)
Deroceras reticulatum (Mollusca)
Leucaspis cockerelli (Homoptera)
Targionia laurina (Homoptera)
Tetraleurodes acaciae (Homoptera)
Unaspis euonymi (Homoptera)
Vinsonia stellifera (Homoptera)

LEGUMINOSAE POD:

Ancylostoma stercorea (Lepidoptera)

MERCHANDISE:

Coptotermes formosanus (Isoptera)

MOSS:

Frankliniella bispinosa (Thysanoptera)

PACKING:

Listroderes subcinctus (Coleoptera)

PAPER WRAPPING:

Aglossa cuprealis (Lepidoptera)

PLANT:

Aleyrodes prolella (Homoptera)
Aspidiotus palmarum (Homoptera)
Asterolecanium pustulans (Homoptera)
Ceroplastes rubens (Homoptera)
Chrysomphalus umboniferus (Homoptera)
Coccus viridis (Homoptera)
Cryptolabes gnidiella (Lepidoptera)
Dialeurodes kirkaldyi (Homoptera)
Ferrisia virgata (Homoptera)
Pulvinaria psidii (Homoptera)
Taeniothrips dianthi (Thysanoptera)

RAILWAY CAR:

Pectinophora gossypiella (Lepidoptera)

RETURNED WAR EQUIPMENT:

Achatina fulica (Mollusca)

RHIZOME:

Monomorium destructor (Hymenoptera)

ROOT:

Minthea rugicollis (Coleoptera)

SCRAP METAL:

Achatina fulica (Mollusca)

STRAW JACKET:

Glycyphagus domesticus (Acarina)
Tydeus interruptus (Acarina)

SUCCULENT:

Lepidosaphes bladhiae (tentative) (Homoptera)

SUITCASE:

Iridomyrmex humilis (Hymenoptera)

TREE FERN:

Bradybaena similaris (Mollusca)

TREE SEED:

Caryedon fuscus (Coleoptera)
Pheidole megacephala (Hymenoptera)

TRUCK:

Pectinophora gossypiella (Lepidoptera)

VEGETABLES:

Monacha obstructa (Mollusca)

WITH BANANAS:

Anastrepha distincta (Diptera)

WOOD:

Chilo simplex (Lepidoptera)
Cryptotermes brevis (Isoptera)
Dinoderopsis serriger (?) (Coleoptera)
Heterobostrychus aequalis (Coleoptera)
Kaloterms durbanensis (Isoptera)
Minthea rugicollis (Coleoptera)
Pogonocherus hispidulus (Coleoptera)
Sinoxylon anale (Coleoptera)
Sinoxylon conigerum (Coleoptera)

WOOL:

Calonota festiva (Coleoptera)

Countries of Origin and Insects

ALGERIA:

Bruchus guttalis
Parlatoria zizyphus

AMERICAN VIRGIN ISLANDS:

Furcaspis biformis
Pectinophora gossypiella

ANGLO-EGYPTIAN SUDAN:

Pectinophora gossypiella

ANGOLA:

Specularius impressithorax

ANTIGUA:

Aspidiotus palmarum
Coccus viridis
Pectinophora gossypiella
Pulvinaria psidii
"Targionia" hartii

ARGENTINA:

Frankliniella bispinosa
Frankliniella cestrum
Glycyphagus domesticus
Nysius simulans
Parlatoria cinerea
Pectinophora gossypiella
Ptinus tectus

AUSTRALIA:

Calonota festiva
Ceroplastes rubens
Deroceras reticulatum
Eucalymnatus tessellatus
Haplothrips gowdeyi
Lepidosaphes tuberculata

AUSTRALIA—Continued

Orycaenus bicolor
Phorodon menthae
Plautia brunneipennis
Pseudococcus gahani
Pulvinaria psidii

AZORES:

Aglossa cuprealis
Ceratitidis capitata
Deroceras reticulatum
Iridomyrmex humilis
Onthophagus taurus
Taeniothrips atratus
Thrips flavus
Zetha chavesi

BAHAMAS:

Anastrepha mombinpraeoptans
Ancylostoma stercorea
Callosobruchus maculatus
Ferrisia virgata
Morganella longispina

BARBADOS:

Aspidiotus destructor
"Targionia" hartii
Vinsonia stellifera

BELGIAN CONGO:
Cryptophlebia leucotreta
Stephanoderes hampei

BELGIUM:

Apion fuscirostre
Deroceras reticulatum

Countries of Origin and Insects—Continued

BELGIUM—Continued

Evergestis forficalis
Gracilaria azalea
Ips scedentatus
Phlyctaenia ferrugalis
Phytomyza atricornis (?)

BERMUDA:

Coccus viridis
Cryptoblabes gnidiella
Diaprepes fumelicus var.
Frankliniella bispinosa
Haplothrips gowdeyi
Iridomyrmex humilis
Monomorium destructor
Morganella longispina
Pheidole megacephala
Prodenia ornithogalli
Taeniothrips gracilis

BRAZIL:

Anastrepha fraterculus
Anastrepha mombinpraeoptans
Anastrepha parvula (?)
Anastrepha serpentina
Aspidiotus destructor
Asterolecanium degeneratum
Asterolecanium pustulans
Ceratitidis capitata
Chrysomphalus paulistae
Cryptoblabes gnidiella
Eurytoma orchidearum
Frankliniella paucispinosa
Galgupa vinculata
Gnorimoschema borsaniella (?)
Gymnandrosoma aurantianum
Iridomyrmex iniquus
Maruca testulalis
Neoleucinodes elegantalis
Pachyzancla bipunctalis
Pectinophora gossypiella
Pheidole megacephala
Stenomoma catenifer
Stephanoderes hampei

BRITISH EAST AFRICA:

Dinoderopsis serriger (?)

BRITISH GUIANA:

Neodryocetes guianae
Pinnaspis buxi

BRITISH HONDURAS:

Pseudischnaspis alienus

BRITISH VIRGIN ISLANDS:

Anastrepha mombinpraeoptans

BRITISH WEST INDIES:

Callosobruchus maculatus
Leucaspis cockerelli
Unaspis citri

CANADA:

Blissus leucopterus hirtus
Hylurgopinus rufipes
Taeniothrips atratus
Taeniothrips vulgarissimus

CANAL ZONE:

Ancylostoma stercora
Aspidiotus destructor
Asterolecanium epidendri
Brevipalpus phoenicis
Chrysomphalus personatus
Chrysomphalus umboniferus
Coccus viridis

Fundella pelluscens

Furcaspis biformis

Lepidosaphes tokionis

Leucaspis cockerelli

Myochrous femoralis

Pseudodaonidia trilobitiformis

Pseudischnaspis alienus

Stenomoma catenifer

Vinsonia stellifera

CAPE VERDE ISLANDS:

Leucinodes orbonalis

Pheidole megacephala

CENTRAL AMERICA:

Leucaspis cockerelli

CEYLON:

Aspidiotus herculeanus

CHILE:

Brachyrhinus rugosostriatus
Brevipalpus chilensis
Epidiaspis pircola

CHILE—Continued

Leptoglossus chilensis
Listroderes subcinctus
Megalometis chilensis
Porotermes quadricollis

CHINA:

Chilo simplex
Coptotermes formosanus
Lepidosaphes tuberculata
Minthea rugicollis
Parlatoria zizyphus
Taeniothrips gracilis

COLOMBIA:

Anaphothrips orchidaceus
Chrysomphalus umboniferus
Coccus viridis
Dialeurodes citrifolii
Euseceps postfasciatus
Pseudodaonidia trilobitiformis
Stenomoma catenifer
Unaspis citri

COSTA RICA:

Anastrepha mombinpraeoptans
Aspidiotus destructor
Aspidiotus herculeanus
Chrysomphalus personatus
Deroceras reticulatum
Furcaspis biformis
Leucaspis cockerelli
Metamasius sericeus
Neolobophora ruficeps
Pseudischnaspis longissima

CUBA:

Aganatesis indecora
Aleurothrixus floccosus
Anastrepha mombinpraeoptans
Anastrepha suspensa
Aspidiotus destructor
Asterolecanium pustulans
Chrysomphalus tenax
Coccus viridis
Cylas formicarius elegantulus
Dolichotetranychus floridanus
Ferrisia virgata
Leucaspis cockerelli
Maruca testulalis
Parlatoria cinerea
Parlatoria crotonis
Pheidole megacephala
Pinnaspis buxi
Protopulvinaria longivalvata
Ribua innoxia
Taeniothrips dianthi
Trionymus sacchari

CURACAO:

Caryedon fuscus
Furcaspis biformis

DENMARK:

Adoxophyes orana
Apion carduorum
Phytomyza atricornis (?)

Schwiebea talpa

Sitona lineata

Taeniothrips atratus

Thrips angusticeps

Thrips major

DOMINICA:

Pheidole megacephala

DOMINICAN REPUBLIC:

Anastrepha mombinpraeoptans
Mimosestes dominicanus
Pheidole megacephala

ECUADOR:

Aleuroplatus denticulatus
Aspidiotus palmae
Lepidosaphes tokionis
Leucaspis cockerelli
Metamasius sericeus
Pinnaspis buxi
Stenomoma anonella
Stenomoma catenifer

EGYPT:

Ceratitidis capitata
Lepidosaphes tokionis
Lixus junci
Parlatoria oleae

ENGLAND:

Acronicta rumicis

Countries of Origin and Insects—Continued

ENGLAND—Continued

Adoxophyes orana
Anuraphis tulipae
Aspidiotus zonatus
Ctenicera cupreus
Deroceras reticulatum
Dialeurodes chittendeni
Frankliniella intonsa
Gracilaria azaleella
Hydrellia nasturtii
Lampetia equestris
Laspeyresia splendana
Lepidosaphes tuberculata
Phytomyza atricornis (?)
Taeniothrips atratus
Taeniothrips ericae
Taeniothrips picipes
Taeniothrips vulgarissimus
Thrips angusticeps
Thrips flavus
Tydeus granulosus

FIJI:

Perkinsiella vitiensis
Stenotrupis marshalli (?)

FIJI (?):

Aonidiella inornata

FINLAND:

Eriophyes leionotus

FORMOSA:

Aleurolobus rhododendri
Aspidiotus bilobis
Lepidosaphes tuberculata
Parlatoria zizyphus
Pseudoaonidia clavigera

FRANCE:

Acrolepia assectella
Apion carduorum
Barathra brassicae
Bruchus luteicornis
Ceratitis capitata
Ceroplastes rusci
Curculio elephas
Epidiaspis piricola
Evergestis rimosalis
Frankliniella hispinosa
Glycyphagus domesticus
Gortyna ochracea
Mamestra brassicae
Phyllotreta atra
Phyllotreta consobrina
Phyllotreta nigripes
Phyllotreta undulata
Pseudococcus gahani
Psylliodes chrysocephala
Rhagoletis cerasi
Sesamia cretica
Thrips flavus
Tydeus interruptus

GERMANY:

Anuraphis tulipae
Apion pomonae
Dicyphus annulatus
Frankliniella intonsa
Gelechia ericetella
Glycyphagus domesticus
Hylurgops palliatus
Lygus rugulipennis
Macrosiphum gei (?)
Micrelus ericae
Pityogenes bidentatus
Pityogenes chalcographus
Polychrosis botrana
Rhagoletis cerasi
Taeniothrips atratus
Taeniothrips ericae
Taeniothrips vulgarissimus
Thrips flavus
Thrips major

GOLD COAST:

Cordylomera spinicornis

GREECE:

Bruchus tristis
Ceratitis capitata
Epidiaspis piricola
Parlatoria oleae
Sesamia cretica
Taeniothrips dianthi
Thrips angusticeps

GRENADA:

Parlatoria cinerea

GUADELOUPE:

Anastrepha mombinpraeoptans
Cosmopolites sordidus

GUAM:

Achatina fulica
Ceroplastes rubens
Lepidosaphes tokionis
Pseudococcus lilacinus
Pseudococcus saipanensis

GUATEMALA:

Aleurothrixus floccosus
Anaphothrips orchidaceus
Anastrepha ludens
Anastrepha mombinpraeoptans
Anastrepha serpentina
Anastrepha striata
Anchonus foveifrons
Eucalymnatus tessellatus
Fulvius anthocorides
Iridomyrmex iniquus
Ligyrocoris nitidicollis
Protopulvinaria longivalvata
Pseudischinaspis alienus
Puto ulter
Tenthecoris bicolor
Tenthecoris vestitus

HAITI:

Anastrepha mombinpraeoptans
Coccus viridis
Cylas formicarius elegantulus
Haplothrips gowdeyi
Pectinophora gossypiella
Sinorylon conigerum
Unaspis citri

HAWAII:

Adoretus sinicus
Amorbia emigratella
Anaphothrips corbetti
Aonidiella inornata
Asterolecanium bambusae
Asterolecanium pustulans
Bradybaena similaris
Brevipalpus phoenicis
Caryedon fuscus
Catorama herbarium
Ceratitis capitata
Ceroplastes rubens
Coccus capparidis
Coccus viridis
Coptotermes formosanus
Cryptophlebia illepidia
Cryptotermes brevis
Dacus cucurbitae
Dacus dorsalis
Diocalandra taitensis
Ereunetis flavistriata
Eucalymnatus tessellatus
Euscepes postfasciatus
Ferrisia virgata
Furcaspis biformis
Haplothrips gowdeyi
Iridomyrmex humilis
Lampides boeticus
Lepidosaphes bladhiae (tentative)
Lepidosaphes tokionis
Leucaspis cockerelli
Maruca testulalis
Mimosstes sallaei
Mitrastethus brouni
Nysius coenosulcus
Odonaspis greeni
Oxydema fusiforme
Oxydema longulum
Pantomorus godmani
Parlatoria pseudaspidotus
Pealius hibisci
Pectinophora gossypiella
Pheidole megacephala
Phenacaspis sandwicensis
Pinnaspis buxi
Pinnaspis uniloba
Protaetia fusca
Pseudococcus palmarum
Pulvinaria psidii
Sinorylon conigerum
Siphanta acuta

Countries of Origin and Insects—Continued

HAWAII—Continued

Sternochetus mangiferae
Sybra alternans
Syrilla oceanica
Taeniothrips hawaiiensis
Taeniothrips vitticornis
Tricentrus albomaculatus
Trionymus lounsburyi
Tuckerella pavoniformis
Xystocera globosa

HONDURAS:

Anastrepha ludens
Anastrepha mombinpraeoptans
Pheidole megacephala
Pseudischinaspis alienus

HUNGARY:

Bruchus brachialis

INDIA:

Anaphothrips corbetti
Aspidiotus destructor
Callosobruchus maculatus
Caryedon fuscus
Chilo simplex
Coccus capparidis
Cylas formicarius
Frankliniella schultzei
Haplothrips gowdeyi
Heterobostrychus aequalis
Lepidosaphes tuberculata
Microcephalothrips abdominalis
Minthea rugicollis
Monomorium destructor
Paraputo taraktogoni
Pectinophora gossypiella
Pinnaspis exercitata
Sinoxylon anale
Sinoxylon conigerum
Sternochetus mangiferae

INDONESIA:

Dacus caudatus
Furcaspis biformis
Stephanoderes hampei

IRELAND:

Calocoris norvegicus
Diptacus giantorhynchus
Eriophyes similis
Glycyphagus domesticus
Taeniothrips atratus
Taeniothrips ericae
Taeniothrips vulgarissimus
Thrips flavus
Thrips major
Thrips nigropilosus

ISRAEL:

Asterolecanium pustulans
Ceratitis capitata (?)
Haplothrips gowdeyi
Parlatoria cinerea
Thrips flavus

ITALIAN SOMALILAND:

Ozycarenum hyalinipennis
Pectinophora gossypiella

ITALY:

Aglossa cuprealis
Apion carduorum
Apion radiolus
Aspidiotus braunschvigi (tentative)
Aspidiotus britannicus
Autoserica castanea
Brachycerus albidentalis
Brachycerus algirus
Bruchus guttalis
Bruchus rufipes
Bruchus tristis
Caviariella caprae
Ceratitis capitata
Ceroplastes ruscii
Cryptoblabes gnidiella
Curculio elephas
Curculio nucum
Dacus oleae
Deroceras reticulatum
Dyspessa ulula
Epidiaspis piricola
Euborellia moesta
Glycyphagus domesticus
Gortyna flavago
Iridomyrmex humilis

ITALY—Continued

Lampetia equestris
Laspeyresia splendana
Lepidosaphes ficus
Lecanium corni
Limax maximus
Mamestra brassicae
Mniophila muscorum
Parlatoria cinerea
Parlatoria oleae
Parlatoria zizyphus
Pectinophora gossypiella
Piezodorus lituratus
Polychrosis botrana
Prays oleellus
Pyrausta nubilalis
Rhagoletis cerasi
Rhynchaenus fagi
Sesamia cretica
Trialeurodes lauri

JAMAICA:

Anastrepha mombinpraeoptans
Caryedon fuscus
Chrysomphalus tenax
Coccus viridis
Cylas formicarius elegantulus
Fundella pellucens
Furcaspis biformis
Leucaspis cockerelli
Monomorium destructor
Palaeopus costicollis
Paratetodiplosis cattleyae
Selenothrips rubrocinctus
Vinsonia stellifera

JAPAN:

Anisolabis marginalis
Anomala cuprea
Anthonomus rectirostris
Aonidiella citrina
Aspidiotus degeneratus
Aspidiotus destructor
Aspidiotus pseudomeyeri (tentative)
Aulacaspis spinosa
Baratha brassicae
Capitophorus formosanus
Ceroplastes ceriferus
Ceroplastes rubens
Chilo simplex
Chionaspis wistariae
Chrysocoris grandis
Deroceras reticulatum
Dialeurodes citri
Dialeurodes kirkaldyi
Diaspis carueli
Ericerus pe-la
Ericococcus abeliceae
Eulachnus piniformosanus (?)
Frankliniella formosae
Grapholitha molesta
Halyomorpha picta
Haplothrips gowdeyi
Laspeyresia splendana
Lepidosaphes kuvacola
Lepidosaphes machili
Lepidosaphes newsteadii
Lepidosaphes pallida
Lepidosaphes tuberculata
Limax marginatus
Listroderes costirostris obliquus
Macrosiphum formosanum
Maruca testulalis
Microcephalothrips abdominalis
Monomorium destructor
Parlatoria camelliae
Parlatoria pyri
Parlatoria zizyphus
Pectinophora gossypiella
Phassus excrescens (?)
Phenacoccus fujicola
Poliaspis pini
Protaetia orientalis
Pseudococcus kraunhiae
Pseudococcus pini
Ptochoryctis tsugensis (?)
Pyrausta nubilalis
Scotinophara lurida
Stephanitis pyrioides

Countries of Origin and Insects—Continued

JAPAN—Continued

Taeniothrips distalis
Taeniothrips hawaiiensis
Thrips nigropilosus
Unaspis yanonensis
Xyleborus morstatti

JOST VAN DYKES:

Anastrepha mombinpraeoptans
Heterotermes convexinotatus
 "Targionia" hartii

KOREA:

Phenacaspis aucubae

KWAJALEIN:

Furcaspis oceanica
Lepidosaphes esakii

LEBANON:

Bradybaena similaris
Bruchus dentipes
Ceratitis capitata
Cryptoblabes gnidiella
Dacus oleae

LEBANON(?):

Monacha obstructa

LIBERIA:

"Targionia" sacchari

MADAGASCAR:

Chrysomphalus pinnulifera (tentative)

MADEIRA ISLANDS:

Ceratitis capitata
Chrysomphalus personatus
Haplothrips gowdeyi
Targionia laurina

MALTA:

Ceratitis capitata

MARTINIQUE:

Ancylostomia stercorea
Aulacaspis tubercularis

MEXICO:

Aleurocanthus woglumi
Aleuroglandulus emmae
Aleurotrachelus trachoides
Alloxacis dorsalis
Alpheias conspirata
Amorbia emigratella
Anaphothrips orchidaceus
Anastrepha fraterculus
Anastrepha ludens
Anastrepha mombinpraeoptans
Anastrepha serpentina
Anastrepha suspensa
Antonina graminis
Aphanus umbrosus
Apogonalia stali
Aspidiotus destructor
Aspidiotus diffinis
Asterolecanium agavis
Asterolecanium epidendri
Asterolecanium inlabefactum
Asterolecanium pustulans
Aufeius impressicollis
Aulacoscelia elongata
Blissus leucopterus insularis
Bucculatrix thurberiella
Burtinus notatipennis
Chrysomphalus agavis
Chrysomphalus albopictus
Chrysomphalus odontoglossi
Chrysomphalus personatus
Chrysomphalus scutiformis
Chrysomphalus smilacis
Chrysomphalus sphaeroides
Chrysomphalus tenax
Chrysomphalus umboniferus
Conchaspis newsteadi
Conoderus vagus
Conotrachelus aguacatae
Corimelaena elegans
Crociosema plebeiana
Cylas formicarius elegantulus
Dialeurodes citri
Dialeurodes citrifolii
Diorymerellus laevimargo
Draeculacephala producta
Dysdercus flavolimbatus
Epilachna varivestis
Epinotia opposita
Eucalymnatus tessellatus
Eustrophinus marginatus

MEXICO—Continued

Eutetranychus banksi
Exptochiomera oblonga
Ferrisia virgata
Frankliniella fortissima
Fulvius anthocorides
Furcaspis biformis
Galgupha magna
Gerstaeckeria mutillaria
Gnorimoschema gudmannella
Helix aspersa
Icerya palmeri
Laspeyresia leguminis
Lepidosaphes carinata
Lepidosaphes philococcus
Ligyrrus ebenus
Lineodes integra
Macroductylus mexicanus
Macropygium reticulare
Metamasius sericeus carbona u.s.
Micrapate labialis
Mimosestes sallaei
Moodna bisiniella
Myochrous carinatus
Myodocha longicollis
Neoleuctnodes elegantalis
Oncometopia fowleri
Orthezia selaginellae
Paraleyrodes citri (?)
Paraleyrodes goyabae (?)
Parlatoria cinerea
Pectinophora gossypiella
Pinnaspis buxi
Platoceticus symmicta
Platynota rostrana
Pseudococcus boninsis
Pseudoparlatoria punctata
Rhagoletis pomonella
Sisamnes contractus
Sizeonotus luteiceps
Stenoma catenifer
Talponia batesi
 "Targionia" bromiliae
Tenthecoris angustimarginatus
Tenthecoris bicolor
Tenthecoris confusus
Tenthecoris vestitus
Tetraleurodes acaciae
Tetraleurodes ursorum
Toxotrypana curvicauda
Trionymus sacchari
Unaspis euonymi

MONTSERRAT:

Asterolecanium miliaris robustum

MOROCCO:

Bouhelia maroccana
Ceratitis capitata
Furcaspis biformis
Parlatoria zizyphus

MOZAMBIQUE:

Ceratitis capitata (?)

NETHERLANDS:

Adoxophyes orana
Allantus cinctus
Anuraphis tulipae
Aphis viburni (?)
Bregmatothrips iridis
Dendrothrips ornatus
Deroceras reticulatum
Dialeurodes chittendeni
Eriophyes canestrinii
Glycyphagus domesticus
Gracilaria azalella
Lampetia equestris
Lepidosaphes tuberculata
Phytomyza atricornis (?)
Rhagoletis cerasi
Rhynchaenus populi
Sitona lineata
Taeniothrips atratus

NEVIS:

Asterolecanium bambusae
Asterolecanium miliaris miliaris
Asterolecanium miliaris robustum
 "Targionia" hartii

NEW ZEALAND:

Deroceras reticulatum
Helix aspersa

Countries of Origin and Insects—Continued

NEW ZEALAND—Continued

Tortrix excessana
Tortrix postviitana

NICARAGUA:

Anastrepha fraterculus
Anastrepha mombinpraeoptans
Aulacaspis tubercularis
Leucaspis cockerelli
Stenomoma anonella

NORWAY:

Allantus cinctus
Anuraphis tulipae

PALMYRA ISLAND:

Ferrisia virgata

PANAMA:

Anastrepha distincta
Anastrepha mombinpraeoptans
Anastrepha striata
Ancylostomia stercorea
Aspidiotus destructor
Chrysomphalus scutiformis
Chrysomphalus umboniferus
Furcaspis biformis
Leucaspis cockerelli
Metamasius sericeus
Parlatoria zizyphus
Pinnaspis buxi
Pseudischnaspis alienus
Toxotrypana curvicauda
Vinsonia stellifera

PARAGUAY:

Neoleucinodes elegantalis

PERU:

Epinotia opposita
Euscapes postfasciatus

PHILIPPINES:

Achatina fulica
Aonidiella citrina
Aonidiella inornata
Aspidiotus coryphae
Aspidiotus palmae
Aulacaspis tubercularis
Chrysomphalus tingi
Conarthrus vicinus
Dacus cucurbitae
Deroceras reticulatum
Dialeurodes kirkaldyi
Ferrisia virgata
Lepidosaphes vermiformis
Macrostiphum formosanum
Parlatoria zizyphus
Pheidole megacephala
Pulvinaria psidii
Taeniothrips hawaiiensis
Unaspis yanonensis

PORTUGAL:

Aleyrodes prolella
Apion pomonae
Ceratitis capitata
Curculio elephas
Dacus oleae
Deroceras reticulatum
Iridomyrmex humilis
Laspeyresia splendana
Lecanium corni
Parlatoria camelliae
Parlatoria oleae
Phytomyza atricornis (?)
Rhagoletis cerasi

PUERTO RICO:

Anastrepha mombinpraeoptans
Anastrepha suspensa
Ancylostomia stercorea
Coccus viridis
Cylas formicarius elegantulus
Euscapes postfasciatus
Maruca testulalis
Pectinophora gossypiella
"Targionia" sacchari

ST. KITTS:

Aleurothrixus myrtacei
Asterolecanium miliaris miliaris

ST. MARTIN:

"Targionia" hartii

SAIPAN:

Achatina fulica

SALVADOR:

Anastrepha mombinpraeoptans
Aspidiotus destructor
Aspidiotus herculeanus
Aulacaspis tubercularis
Chrysomphalus umboniferus
Leucaspis cockerelli
Pseudischnaspis alienus
"Targionia" bromeliae
Tenthercoris distinguendus

SCOTLAND:

Frankliniella intonsa
Gelechia ericetella
Micrelus ericae
Orthotylus ericetorum
Taeniothrips atratus
Taeniothrips ericae
Taeniothrips vulgarissimus
Thrips flavus
Thrips major
Wachtliella ericina (?)

SIERRA LEONE:

Pseudoparlatoria orestrea

SPAIN:

Brachycerus algerus
Ceratitis capitata
Chilo simplex
Curculio elephas
Dacus oleae
Deroceras reticulatum
Dyspessa ulula
Hypera nigrostris
Laspeyresia splendana
Limax marginatus
Parlatoria oleae
Parlatoria zizyphus

STRAITS SETTLEMENTS:

Cylas formicarius

SUMATRA:

Parlatoria pseudaspidiotus

SWEDEN:

Adoxophyes orana
Aleurotuberculatus similis
Argyresthia conjugella
Hylurgops palliatus
Pityogenes chalcographus
Pogonocherus hispidulus
Stephanitis oberti
Taeniothrips atratus
Thrips nigropilosus

SWITZERLAND:

Frankliniella pallida
Lampetia equestris
Taeniothrips atratus

SYRIA:

Dacus oleae

TAHITI:

Morganella longispina
Sternonchetus mangiferae

THAILAND:

Cylas formicarius var.
Dolichotetranychus vandergootti
Euborellia plebeja
Lepidosaphes tokionis
Parlatoria pseudaspidiotus
Sternonchetus mangiferae

TORTOLA:

Anastrepha mombinpraeoptans
Ancylostomia stercorea
Cylas formicarius
Euscapes postfasciatus
"Targionia" hartii

TRANSVAAL:

Brithys pancratii
Pheidole megacephala

TRINIDAD:

Anastrepha mombinpraeoptans
Anastrepha serpentina
Anastrepha suspensa
Ancylostomia stercorea
Aulacaspis tubercularis
Chrysomphalus umboniferus
Coccus viridis
Cylas formicarius elegantulus
Euscapes postfasciatus
Ferrisia virgata

TRINIDAD—Continued

Furcaspis biformis
Leucaspis cockerelli
Mimosestes dominicanus
Mimosestes sollaet
Nasutitermes nigriceps
Parlatoria cinerea
Pectinophora gossypiella
Pinnaspis buzi
Protopulvinaria longivalvata
 "Targionia" sacchari
Toxotrypana curvicauda
Unaspis citri
Vinsonia stellifera

TURKEY:

Ceratitis capitata
Lepidosaphes ficus
Macropiaz fasciata
Pectinophora gossypiella
Sesamia cretica

UNION OF SOUTH AFRICA:

Aspidiotus pectinatus (tentative)
Asterolecanium stentae
Ceratitis capitata (?)
Chionaspis leucodendri
Cryptophlebia leucotreta
Dacus ciliatus (?)
Frankliniella schultzei
Haplothrips nigricornis
Haplothrips wouramboulchii
Iridomyrmex humilis
Kaloterms durbanensis
Lampetia equestris
Pheidole megacephala
Phlyctinus callosus
Pseudaspidopectus fulleri
Pseudothrips glaucus

UNION OF SOUTH AFRICA—Continued

Selenaspidus portulacariae
Specularius impressothorax

UNKNOWN:

Ceratitis capitata
Chilo simplex
Frankliniella intonsa
Orthezia praelonga
Stephanoderes hampei
Taeniothrips atratus
Taeniothrips dianthi
Taeniothrips vulgatissimus
Thrips flavus
Thrips major
Unaspis yanonensis

URUGUAY:

Epinotia opposita

VENEZUELA:

Aganactesis indecora
Anastrepha fraterculus (?)
Capaneus tetricus
Chrysomphalus umboniferus
Coccus viridis
Eurytoma orchidearum
Fundella pellusens (?)
Furcaspis biformis
Monomorium destructor
Pseudischinaspis alienus
Tetraleurodes acaciae
Vinsonia stellifera

WAKE ISLAND:

Anomala viridana

WEST INDIES:

Leucaspis cockerelli

YUGOSLAVIA:

Ceratitis capitata
Curculio elephas
Laspeyresia splendana

Pests (diseases) collected and reported from July 1, 1952, through June 30, 1953

[An asterisk indicates State inspection]

Disease and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
<i>Aecidium mozinae</i> Arth.:					
<i>Jatropha spathulata</i>	Mexico	1			Tex.
<i>Alternaria dianthi</i> F. L. Stevens & J. G. Hall:					
<i>Dianthus barbatus</i> (sweet-william)	Canada			1	N. Y.
<i>Dianthus</i> sp. (carnation)	France, Japan	1	3		Hawaii, Pa., Wash.
<i>Aphelenchoides bicaudatus</i> Imamura:					
<i>Dracaena</i> sp.	Brazil		1		Pa.
<i>Aphelenchoides ritzema-bosi</i> (Schwartz) (?):					
<i>Chrysanthemum</i> sp.	Japan			1	Calif.*
<i>Aphelenchoides subtenuis</i> Cobb:					
<i>Narcissus</i> sp.	Italy			7	N. Y.
<i>Apiospora punctum</i> Sacc. & Speg.:					
Bamboo	Japan		1		Md.
<i>Apiospora rhododendri</i> Oud.:					
<i>Rhododendron</i> sp.	England			1	Wash.
<i>Aschersonia aleyrodinis</i> Webber:					
<i>Chamaedorea</i> sp. (palm)	Mexico	1			Tex.
<i>Ascochyta citri</i> Penz:					
<i>Citrus paradisi</i> (grapefruit)	Canal Zone		1		Calif.*
<i>Ascochyta hesperidearum</i> Penz.:					
<i>Citrus sinensis</i> (orange)	Mexico, Turkey	2			Pa., Tex.
<i>Ascochyta magnoliae</i> Thuem.:					
<i>Magnolia</i> sp.	Netherlands			1	Wash.
<i>Ascochyta pisi</i> Lib.:					
<i>Vicia</i> sp.	Chile			1	D. C.
<i>Ascochyta trigonellae</i> Trav. & Spessa:					
<i>Trigonella</i> sp.	Turkey			1	D. C.
<i>Asperisporium caricae</i> (Speg.) Maubl.:					
<i>Carica papaya</i>	Cuba, Mexico	1	1		Tex.

Pests (diseases) collected and reported from July 1, 1952, through June 30, 1953—Con.

[An asterisk indicates State inspection]

Disease and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
<i>Botryosphaeria berengeriana</i> de N.f. <i>araucariae</i> Sacc.:					
<i>Araucaria araucana</i>	Italy.....			1	N. J.
<i>Botryosphaeria ribis</i> Gross. & Dug.:					
<i>Crataegus</i> sp.....	Netherlands.....			1	N. J.
<i>Duvalia</i> sp.....	Kenya.....			1	N. J.
<i>Botrytis elliptica</i> (Berk.) Cke.:					
<i>Lilium auratum</i> (goldband lily).....	Japan.....			10	Calif.*, Hawaii.
<i>Lilium auratum platyphyllum</i>	do.....			2	Calif.*
<i>Lilium japonicum</i> (Japanese lily).....	do.....			5	Calif.*
<i>Lilium speciosum rubrum</i> (pink speciosum lily).....	do.....			3	Calif.*
<i>Lilium tigrinum</i> (tiger lily).....	do.....			2	Calif.*
<i>Botrytis gladiolorum</i> Timmerm.:					
<i>Acidantha</i> sp.....	Netherlands.....			1	N. J.
<i>Gladiolus gandavensis</i> (breeders gladiolus).....	Japan.....			2	Calif.*
<i>Gladiolus</i> sp.....	Germany, Japan, Mexico.....	1		3	Calif.*, D. C., N. Y.
<i>Briosia azaleae</i> (Pk.) Dearn.:					
<i>Rhododendron</i> Chintz.....	England.....			1	N. J.
<i>Catacauma sabal</i> Chardon (?):					
<i>Palm</i>	Mexico.....	1			Tex.
<i>Cephalosporium roseum</i> Cda.:					
<i>Oryza sativa</i> (rice).....	Portugal.....	1			Minn.
<i>Cercospora angrei</i> Roum.:					
<i>Odontioda</i> Madeline (orchid).....	Belgium.....			1	N. J.
<i>Cercospora centrosema</i> Chupp & Muller:					
<i>Centrosema pubescens</i>	Salvador.....			1	D. C.
<i>Cercospora coffeicola</i> Berk. & Cke.:					
<i>Coffea</i> sp.....	Mexico.....	1			Tex.
<i>Cercospora handelii</i> Bub.:					
<i>Rhododendron indicum</i> (indica azalea).....	Belgium.....			1	N. J.
<i>Rhododendron</i> sp.....	Netherlands.....			2	N. J.
<i>Cercospora malayensis</i> F. L. Stevens & Solh.:					
<i>Hibiscus esculentus</i> (okra).....	Cuba.....	1			La.
<i>Cercospora mirabilis</i> Tharp:					
<i>Bougainvillea</i> sp.....	Canal Zone.....			1	Fla.
<i>Cercospora musae</i> Zimm.:					
<i>Musa paradisiaca</i> (plantain).....	Puerto Rico.....	1			P. R.
<i>Musa paradisiaca sapientum</i> (banana).....	Canal Zone, Ecuador, Guatemala, Mexico, Trinidad.....	10	1		Ala., Calif.*, Tex.
<i>Cercospora neriella</i> Sacc.:					
<i>Nerium oleander</i> (oleander).....	Bermuda.....			1	Md.
<i>Cercospora oryzae</i> I. Miyake:					
<i>Oryza sativa</i> (rice).....	Mexico.....	1			Tex.
<i>Cercospora pini-densiflorae</i> Hori & Nambu:					
<i>Pinus parviflora</i> (Japanese white pine).....	Japan.....			1	Calif.*
<i>Cercospora purpurea</i> Cke.:					
<i>Persea americana</i> (avocado).....	Mexico.....	2			Tex.
<i>Cercospora rhododendri</i> Em. Marchal & Verpl.:					
<i>Rhododendron</i> sp.....	Netherlands.....			1	N. J.
<i>Cerebella andropogonis</i> Ces.:					
<i>Bothriochloa insculpta</i>	Kenya.....			1	D. C.
<i>Heteropogon contortus</i> (tanglehead).....	Tanganyika.....			1	D. C.
<i>Hyparrhenia lintonii</i>	Kenya.....			1	D. C.
<i>Hyparrhenia</i> sp.....	Madagascar.....			1	D. C.
<i>Paspalum dilatatum</i> (Dallis grass).....	Australia.....			1	N. Y.
<i>Ceuthospora lunata</i> Shear:					
<i>Andromeda</i> sp.....	Netherlands.....			1	N. J.
<i>Leucothoe catesbaei</i> (drooping leucothoe).....	do.....			1	N. J.
<i>Leucothoe</i> sp.....	do.....			1	N. J.
<i>Chaetomella atra</i> Fekl.:					
<i>Orchid</i>	Mexico.....			1	Tex.
<i>Chaetomium contortum</i> Bainier:					
<i>Solanum tuberosum</i> (potato).....	Netherlands.....			1	Calif.*
<i>Chrysomya rhododendri</i> (DC.) d By.:					
<i>Rhododendron azaleodendron</i>	England.....			1	N. J.
<i>Rhododendron ferrugineum</i>	Austria, Switzerland.....	12		2	N. J., N. Y.
<i>Rhododendron</i> sp.....	Switzerland.....	2			Calif.*, N. J.
<i>Claviceps paspali</i> F. L. Stevens & J. G. Hall:					
<i>Paspalum notatum</i> (bahia grass).....	Brazil.....			1	D. C.
<i>Claviceps purpurea</i> (Fr.) Tul.:					
<i>Arrhenatherum</i> sp.....	Chile.....			1	D. C.

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<i>Coleosporium bletiae</i> Diet.:					
<i>Phajus wallichii</i> (orchid).....	India.....			1	N. J.
<i>Coleosporium dahliae</i> Arth.:					
<i>Dahlia</i> sp.....	Mexico.....	1			Tex.
<i>Coleosporium domingense</i> (Berk.) Arth.:					
<i>Plumeria</i> sp.....	Canal Zone.....			1	Fla.
<i>Coleosporium solidaginis</i> (Schw.) Thuem.:					
<i>Aster</i> sp.....	Japan.....		1		Wash.
<i>Colletotrichum agaves</i> Cav.:					
<i>Agave</i> sp.....	Italy, Mexico.....			3	N. J., Tex.
<i>Colletotrichum arecae</i> Syd.:					
<i>Areca cathecu</i> (betel palm).....	Guam.....	1			D. C.
<i>Colletotrichum coffeanum</i> Noack:					
<i>Coffea</i> sp. (coffee).....	Hawaii.....			1	Hawaii.
<i>Colletotrichum erythrinae</i> Ell. & Ev.:					
<i>Erythrina</i> sp.....	Mexico.....			1	Tex.
<i>Colletotrichum fructus</i> (F. L. Stevens & J. G. Hall) Sacc.:					
<i>Pyrus communis</i> (pear).....	Denmark.....		1		Pa.
<i>Colletotrichum gliricidae</i> Syd.:					
<i>Gliricidia sepium</i>	Cuba.....	1			D. C.
<i>Colletotrichum graminicolum</i> (Ces.) G. W. Wils.:					
<i>Axonopus compressus</i> (carpet grass).....	Uruguay.....			1	D. C.
<i>Bromus catharticus</i> (rescue bromegrass).....	Natal.....			1	D. C.
Grass packing.....	Mexico.....	1			Ariz.
<i>Sorghum vulgare</i> (sorghum) (?).....	do.....	1			Tex.
<i>Sorghum vulgaretechnicum</i> (broomcorn).....	do.....	1			Tex.
<i>Colletotrichum lilifacearum</i> (Schw.) Ferr.:					
<i>Allium kansuense</i>	Canada.....			1	Calif.*
<i>Iris ensata</i> (Russian iris).....	Japan.....			1	Calif.*
<i>Iris foetidissima</i> (gladwin iris).....	England.....			1	Calif.*
<i>Iris germanica</i> (German iris).....	Australia, Canada, England, Germany, New Zealand.....			12	Calif.*
<i>Iris pseudacorus</i> (yellowflag iris).....	England.....			1	Calif.*
<i>Iris unguicularis</i> (Algerian iris).....	do.....			1	Calif.*
<i>Iris</i> sp.....	do.....			3	Calif.*
<i>Lilium auratum</i> (goldband lily).....	Japan.....	1		4	Calif.* Oreg.
<i>Lilium giganteum</i> (giant lily).....	do.....			1	Calif.*
<i>Lilium longiflorum</i> (Easter lily).....	Japan, Okinawa.....			4	Calif.*
<i>Lilium makinoi</i> (bamboo lily).....	Japan.....			2	Calif.*
<i>Lilium pomponium</i> (pompon lily).....	do.....			1	Hawaii.
<i>Lilium speciosum</i> (speciosum lily).....	do.....	1			Calif.*
<i>Lilium speciosum rubrum</i> (pink speciosum) lily.....	do.....			5	Calif.*
<i>Lilium</i> sp.....	do.....	2		4	Calif.*
<i>Colletotrichum philodendri</i> P. Henn.:					
<i>Philodendron</i> sp.....	Mexico.....			3	Tex.
<i>Colletotrichum trichella</i> (Fr.) Duke:					
<i>Fatsy</i> sp.....	Belgium.....			1	N. J.
<i>Colletotrichum yuccae</i> Poll.:					
<i>Agave</i> sp.....	Italy.....			1	N. J.
<i>Coniosporium palmicola</i> Tracy & Earle:					
<i>Cocos nucifera</i> (coconut).....	Tahiti.....	1			Calif.*
<i>Coniothecium chomatosporum</i> Cda.:					
<i>Malus sylvestris</i> (apple).....	Mexico, Philippines.....	2			Hawaii, Tex.
<i>Coniothyrium cytisetum</i> (Pass. & Thuem.) Sacc.:					
<i>Laburnum watereri</i> (waterer laburnum).....	Netherlands.....			37	N. J.
<i>Laburnum</i> sp.....	do.....			1	N. J.
<i>Coniothyrium hellebori</i> Cke. & Mass.:					
<i>Helleborus lividus</i>	England.....			1	N. J.
<i>Helleborus niger</i> (Christmas-rose).....	England, Netherlands.....			14	N. J., N. Y., Wash.
<i>Helleborus orientalis</i>	Netherlands.....			1	N. J.
<i>Helleborus</i> spp.....	do.....			2	N. J.
<i>Coniothyrium olivaceum</i> Bon.:					
<i>Wisteria</i> sp.....	Japan.....			1	Calif.*
<i>Coniothyrium rhododendri</i> P. Henn.:					
<i>Rhododendron</i> sp.....	England.....			1	Wash.
<i>Coniothyrium stanhopeae</i> P. Henn.:					
Orchid.....	Mexico.....			1	Ariz.
<i>Coniothyrium viburni</i> Died.:					
<i>Viburnum burkwoodii</i>	Netherlands.....			1	N. J.

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<i>Cordana musae</i> (Zimm.) Hoehn.: <i>Musa paradisiaca</i> (plantain).....	Puerto Rico.....	1			P. R.
<i>Musa paradisiaca sapientum</i> (banana).....	Ecuador.....	2			Calif.*
<i>Coryneum carpophilum</i> (Lev.) Jauch: <i>Prunus armeniaca</i> (apricot).....	Mexico.....	1			Tex.
<i>Coryneum microstictum</i> Berk. & Br.: <i>Paeonia lutea</i> (golden peony).....	England.....			1	N. J.
<i>Cryptodiaporthe salicella</i> (Fr.) Wehm.: <i>Salix</i> sp.....	Denmark.....			1	N. J.
<i>Cryptodidymosphaeria clandestina</i> Syd.: <i>Panicum</i> sp.....	Ecuador.....	1			Calif.*
<i>Cryptospora longispora</i> Servazzi: <i>Araucaria excelsa</i> (Norfolk-Island-pine).....	Australia.....			1	Calif.*
<i>Cryptovalsa rabenhorstii</i> (Nits.) Sacc.: <i>Wisteria</i> sp.....	Japan.....			1	Calif.*
<i>Cucurbitaria berberidis</i> (Fr.) S. F. Gray: <i>Berberis linearifolia</i> (jasperbell barberry).....	Belgium.....			1	Wash.
<i>Cylindrocarpon candidum</i> (Lk.) var. <i>minus</i> Wr.: <i>Laburnum watereri</i> (waterer laburnum).....	Netherlands.....			1	N. J.
<i>Cymadothea trifolii</i> (Fr.) Wolf: <i>Trifolium</i> sp.....	Turkey.....			1	D. C.
<i>Cytospora palmarum</i> Cke. (?): <i>Cocos nucifera</i> (coconut).....	South Pacific.....	1			Calif.*
<i>Cytospora subcylpeata</i> Sacc. (?): <i>Rhododendron</i> sp.....	England.....			1	Wash.
<i>Dasyscypha virginea</i> (Fr.) Fekl.: <i>Rhododendron</i> sp.....	Netherlands.....			1	Wash.
<i>Dendrophoma obscurans</i> (Ell. & Ev.) H. W. Anderson: <i>Fragaria</i> sp.....	Japan.....			1	N. J.
<i>Didymium minus</i> (List.) Morg: <i>Musa paradisiaca sapientum</i> (banana).....	Mexico.....	1			Tex.
<i>Diplodia ananassae</i> Sacc.: <i>Ananas comosus</i> (pineapple).....	do.....	1			Tex.
<i>Diplodia epicocos</i> Cke.: <i>Cocos nucifera</i> (coconut).....	Brazil.....			1	N. J.
<i>Diplodia paraphysaria</i> Sacc.: <i>Cattleya</i> sp. (orchid).....	Venezuela.....			1	Tex.
<i>Orchid</i>	Costa Rica, Mexico.....			2	Ariz., Fla.
<i>Diplodia theobromae</i> (Pat.) Nowell: <i>Castanea</i> sp. (chestnut).....	Japan.....	1			Tex.
<i>Diplodina eurrhododendri</i> Voss.: <i>Rhododendron</i> sp.....	England.....			2	Wash.
<i>Diplodina rostrupii</i> Vest.: <i>Andromeda</i> sp.....	Netherlands.....			1	N. J.
<i>Leucothoe</i> sp.....	do.....			1	N. J.
<i>Discella strobilina</i> (Desm.) Died.: <i>Picea abies</i> (Norway spruce).....	Germany.....	1			N. Y.
<i>Discosia artocreas</i> Fr.: <i>Camellia</i> sp.....	Japan.....			2	Calif.*
<i>Ditylenchus dipsaci</i> (Kuhn) Filip.: <i>Narcissus</i> sp.....	Italy.....			1	N. Y.
<i>Ditylenchus</i> sp. (undescribed) <i>Iris filifolia</i> (Gibraltar iris).....	France.....			1	Calif.*
<i>Iris ziphoides</i> (English iris).....	Netherlands.....			1	N. J.
<i>Iris</i> sp.....	France.....			2	N. Y.
<i>Elsinoe australis</i> Bitanc. & Jenkins: <i>Citrus aurantifolia</i> (sour lime).....	Argentina, Brazil.....	1	5		Calif.* La., Pa., Tex.
<i>Citrus aurantium</i> (sour orange).....	Brazil.....		1		Pa.
<i>Citrus limon</i> (lemon).....	Argentina, Brazil, Paraguay.....		31		La., Md., Mass., N. Y., Pa., Tex.
<i>Citrus reticulata</i> (Mandarin orange).....	Brazil.....	1	2		N. Y.
<i>Citrus sinensis</i> (orange).....	Argentina, Brazil, Uruguay.....	2	64		Ala., Calif.* Fla.,* La., Md., Mass., N. Y., Pa., Tex., Va.
<i>Elsinoe phaseoli</i> Jenkins: <i>Phaseolus lunatus macrocarpus</i> (lima bean).....	Puerto Rico.....	1			P. R.

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<i>Endoconidiophora fimbriata</i> (Ell. & Halst.) Davidson:					
<i>Ipomoea batatas</i> (sweetpotato).....	Japan.....		1		Calif.*
<i>Entyloma oryzae</i> Syd. & P. Syd.:					
<i>Oryza sativa</i> (rice).....	China, Japan, Mexico..	6	1		Calif.,* Hawaii, Tex.
<i>Epicoccum cocos</i> F. L. Stevens:					
<i>Cocos nucifera</i> (coconut).....	Korror Island, Truk Island, Yap Island.	4			Guam, Hawaii.
<i>Eutypella stellulata</i> (Fr.) Sacc.:					
<i>Morus</i> sp. (mulberry).....	Bahamas.....			1	Tex.
<i>Exobasidium vaccinii</i> (Fekl.) Wor.:					
<i>Rhododendron</i> sp.....	Germany, Netherlands..		1	1	N. Y., Pa.
<i>Etosporium cactivorum</i> Petr. & Cif.:					
Cactus.....	Mexico.....	1			Tex.
<i>Fusarium diversisporum</i> Sherb.:					
<i>Carica papaya</i> (papaya).....	do.....		1		Tex.
<i>Fusarium gramineum</i> Cda.:					
<i>Axonopus compressus</i> (carpet grass).....	Uruguay.....			1	D. C.
<i>Fusarium heterosporum</i> Nees.:					
<i>Paspalum dilatatum</i> (Dallis grass).....	Australia.....			1	N. Y.
<i>Fusarium juruanum</i> P. Henn.:					
<i>Citrus grandis</i> (pummelo).....	Thailand.....			1	Hawaii.
<i>Fusarium lateritium</i> Nees.:					
<i>Citrus grandis</i>	Tahiti.....		1		Hawaii.
<i>Fusarium oxysporum</i> Schlecht. f. <i>cepae</i> (Hanz.) Snyd. & Hansen:					
<i>Allium cepa</i> (onion).....	Mexico.....	1			Tex.
<i>Fusarium oxysporum</i> Schlecht. f. <i>gladioli</i> (Massey) Snyd. & Hansen:					
<i>Gladiolus</i> sp.....	Japan, Mexico, Netherlands.			3	Calif.*, Tex.
<i>Fusarium solani</i> (Mart.) Appel & Wr. (?):					
<i>Cymbidium</i> var.....	Australia.....			9	Hawaii.
<i>Fusicladium dendriticum</i> (Wallr.) Fekl.:					
<i>Malus sylvestris</i> (apple).....	Australia, Austria, Mexico.	2	1		Minn., P. R., Tex.
<i>Fusicladium eriobotryae</i> (Cav.) Sacc.:					
<i>Eriobotrya japonica</i> (loquat).....	Portugal.....		1		P. R.
<i>Fusicladium pirinum</i> (Lib.) Fekl.:					
<i>Pyrus communis</i> (pear).....	Netherlands, Spain.....		2		P. R., Tex.
<i>Fusicladium pyracanthae</i> (Otth.) Rostr.:					
<i>Pyracantha coccinea</i>	Netherlands.....			1	N. J.
<i>Pyracantha</i> sp.....	do.....			2	N. J.
<i>Gloeosporium catechu</i> Syd.:					
<i>Areca cathecu</i> (betel palm).....	Guam.....	1		1	Calif.*
<i>Gloeosporium cinctum</i> Berk. & Curt.:					
<i>Acineta superba</i> (orchid).....	Canal Zone.....			1	Fla.
Orchid.....	Trinidad.....			1	P. R.
<i>Gloeosporium concentricum</i> Berk. & Br.:					
<i>Brassica oleracea botrytis</i> (cauliflower).....	England.....		1		Pa.
<i>Gloeosporium foliicolum</i> Nish.:					
<i>Citrus reticulata</i> (Mandarin orange).....	Japan.....		1		Hawaii.
<i>Gloeosporium leguminum</i> (Cke.) Sacc.:					
<i>Prosopis strombulifera</i>	Argentina.....			1	D. C.
<i>Gloeosporium philodendri</i> Speg.:					
<i>Philodendron</i> sp.....	Mexico.....			1	Tex.
<i>Gloeosporium piperatum</i> Ell. & Ev.:					
<i>Capsicum frutescens</i> (pepper).....	Brazil.....		1		N. Y.
<i>Gloeosporium rhododendri</i> Br. & Cav.:					
<i>Rhododendron repens</i> var.....	England.....			1	N. Y.
<i>Gloeosporium sansevieriae</i> Verwoerd & Duplessis:					
<i>Sansevieria</i> sp.....	Canal Zone.....			1	Calif.
<i>Glomerella cincta</i> (Ston.) Spauld. & Schrenk:					
Araceae.....	Mexico.....			1	Fla.
<i>Philodendron</i> sp.....	do.....			1	Tex.
<i>Graphis scripta</i> Aeb.:					
<i>Chaenomeles</i> sp.....	Japan.....			1	Calif.*
<i>Gymnosporangium haraeaeum</i> Syd.:					
<i>Juniperus chinensis</i> (Chinese juniper).....	do.....			4	Calif.
<i>Juniperus</i> sp.....	do.....			8	Hawaii.
<i>Gymnosporangium sabiniae</i> (Dicks.) Wint.:					
<i>Juniperus chinensis pfitzeriana</i>	Germany, Netherlands..			4	N. J.

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<i>Gymnosporangium yamadai</i> Ideta:					
<i>Malus sylvestris</i> (apple)	Japan		1		La.
<i>Helminthosporium avenae</i> Eidam:					
<i>Avena</i> sp.	Belgium, England	2			Calif.*
<i>Helminthosporium cynodontis</i> Marig.:					
<i>Cynodon transvaalensis</i>	Australia			1	D. C.
<i>Helminthosporium oryzae</i> B. de Haan:					
<i>Oryza sativa</i> (rice)	Japan, Mexico, Nicaragua, Philippines, Sierra Leone.	20	23		Calif.*, Pa., Tex.
<i>Helminthosporium ravenelii</i> Curt.:					
<i>Sporobolus poireti</i> (rattail smut grass)	Brazil			1	D. C.
<i>Helminthosporium turcicum</i> Pass.:					
<i>Oryza sativa</i> (rice)	Greece	1			P. R.
<i>Hendersonia citri</i> McAlp.:					
<i>Citrus sinensis</i> (orange)	Mexico	1			Tex.
<i>Hendersonia epidendri</i> Keissl.:					
<i>Stanhopea</i> sp. (orchid)	do			1	Tex.
<i>Hendersonia musae</i> Cke.:					
<i>Musa paradisiaca sapientum</i> (banana)	Guatemala	1			Tex.
<i>Hendersonia paeoniae</i> Allesch.:					
<i>Paeonia suffruticosa</i> (tree peony)	Japan			1	Calif.*
<i>Heterodera avenae</i> Eidam:					
Sand ballast	England	1			Pa.
Soil	Netherlands	1			N. Y.
Soil with asparagus roots	France			1	N. J.
Soil with bagging	England, France, Netherlands, Scotland.	16			N. Y., Pa., Va.
Soil with cactus and grape cuttings	Italy			1	N. Y.
Soil with <i>Chrysanthemum</i> sp. and <i>Convallaria</i> sp.	Germany			1	N. J.
Soil with dahlia roots	Belgium			1	N. J.
Soil with fig cuttings	Italy			1	N. Y.
Soil with garlic	Spain	1			N. Y.
Soil with geranium plants	France, Sweden			2	N. Y.
Soil with herbs	Germany			1	N. Y.
Soil with <i>Malus</i> sp. roots	Italy			1	N. J.
Soil with mint plants	Germany			1	N. Y.
Soil with narcissus and galanthus bulbs	do			1	N. Y.
Soil with <i>Oleander</i> sp. plants	Yugoslavia			1	N. Y.
Soil with parsnips	Union of South Africa			1	Mass.
Soil with assorted plants	Germany, Ireland			2	N. Y.
Soil with plum trees	Germany			1	N. Y.
Soil with potatoes	Gibraltar (?), Mexico, Spain	3	3		N. Y., P. R., Tex.
Soil with sand ballast	Wales (?)	1			N. Y.
Soil with sedum plants	Netherlands			1	N. Y.
Soil with shrubs	Germany			1	N. J.
<i>Heterodera cacti</i> Filip. & Schuurmans Stekhoven:					
Soil with aloe plants	Majorca Island			1	Mass.
Soil with aloe and sedum plants	France			1	N. Y.
Soil with aloe, cactus, and sedum plants	Malta			1	N. Y.
Soil with cactus plants	Czechoslovakia, England, France, Germany, Italy, Mexico, Switzerland.	1		9	Mass., N. J., N. Y., Tex
Soil with <i>Delphinium</i> sp. roots	Canada			1	N. J.
Soil with lily bulbs	Japan			1	N. Y.
Soil with <i>Mammillaria</i> sp. roots	Mexico			1	Tex.
Soil with potatoes	do			1	Tex.
<i>Heterodera leptonepia</i> Taylor & G. S. Cobb:					
Soil with potatoes	Peru			1	Calif.*
<i>Heterodera punctata</i> Thorne:					
Soil	Netherlands, Norway	1	1		Md., N. Y.
Soil with bagging	England, France, Netherlands, Scotland.	11			N. Y., Va.
Soil with beech tree	Ireland			1	N. Y.
Soil with carnation plants	Austria			1	N. Y.
Soil with delphinium plants	England			1	N. Y.
Soil with <i>Fragaria</i> sp. roots	Sweden			1	N. J.
Soil with geranium plant	England			1	N. Y.
Soil with heather plants	Scotland			2	N. Y.
Soil with lily, peony, and unidentified bulbs and roots	France			1	N. J.

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<i>Heterodera punctata</i> Thorne—Continued					
Soil with narcissus bulbs	Netherlands	1			N. Y.
Soil with orchid plants	England, Netherlands			2	N. J.
Soil with unidentified plants	Germany, Italy, Mexico			5	Ariz., Mass., N. Y.
Soil with potatoes	Netherlands		1		La.
Soil with rose plants	England			1	N. J.
Soil with rosemary plants	Austria	1			N. Y.
Soil with snowdrop plants	England			1	N. Y.
Soil with sod	Ireland			1	N. Y.
Soil with thyme plants	Germany			1	N. Y.
Soil with valerian roots	Belgium	1			N. Y.
Soil with wandering jew plants	Germany			1	N. Y.
<i>Heterodera rostochiensis</i> Wr.:					
Soil	Scotland	1			N. Y.
Soil with African violet plants	Germany			1	N. Y.
Soil with amaryllis bulbs	Denmark			1	N. Y.
Soil with azalea plants	Scotland			1	N. Y.
Soil with bagging	Denmark, England, Germany, Netherlands, Scotland	49			Calif., Md., N. Y., Pa., Va., Wash.
Soil with coleus plants	England			1	N. Y.
Soil with dahlia tubers	do			1	N. J.
Soil with fuschia plants	do			1	N. Y.
Soil with <i>Galanthus</i> sp. bulbs	Luxembourg			1	N. J.
Soil with geranium plants	England			1	N. Y.
Soil with heather plants	Scotland			3	Mass., N. J., N. Y.
Soil with lavender plants	England			1	N. Y.
Soil with lily plants	do			1	N. J.
Soil with mint plants	do			2	N. Y.
Soil with peat moss	Germany	1			Va.
Soil with unidentified plants	England, Ireland, Wales			4	N. Y.
Soil with potatoes	England, France, Germany, Mexico, Peru.	2	5		Calif., La., Mass., N. Y., Pa., Tex.
Soil with primrose plants and begonia bulbs	Germany			1	N. Y.
Soil in railway car	Mexico		1		Tex.
Soil with rose plants	Scotland			1	N. Y.
Soil with rosemary plants	Austria	1			N. Y.
Soil with rubber plants	Germany			1	N. Y.
Soil with <i>Scilla</i> sp. bulbs	England			1	N. Y.
Soil with snowdrop plants	do			1	N. Y.
Soil with sod	Ireland			1	N. Y.
Soil with thyme plants	Germany			1	N. Y.
<i>Heterosporium avenae</i> Oud.:					
<i>Avena sativa</i> (oat)	Australia	1			Oreg.
<i>Heterosporium avenae</i> Oud. (?):					
<i>Hordeum vulgare</i> (barley)	Mexico	1			Tex.
<i>Heterosporium echinulatum</i> (Berk.) Cke.:					
<i>Dianthus</i> sp. (carnation)	Guatemala, Mexico	2			Calif., Tex.
<i>Heterosporium ornithogali</i> (Klotzsch) Cke.:					
<i>Ornithogalum thyrsoides</i> (chinkarichee)	Union of South Africa	3			N. Y., Pa.
<i>Hyponectria aureo-nitens</i> (Tul.) Petch:					
Bamboo	Mexico	1			Tex.
<i>Hypoxylon marginatum</i> (Schw.) Berk.:					
<i>Quercus</i> sp.	Japan	1			Hawaii.
<i>Leptosphaeria heterospora</i> (de N.) Sacc.:					
<i>Iris atropurpurea</i> (blackpurple iris)	Netherlands			1	Calif.*
<i>Iris germanica</i> (German iris)	Australia, Canada, England, New Zealand.			10	Calif.*
<i>Iris hoogiana</i>	Netherlands			2	Calif.*
<i>Iris korolkowi</i> (redvein iris)	England, Netherlands			4	Calif.*
<i>Iris pumila</i>	Turkey			1	N. J.
<i>Iris stolonifera</i> (runner iris)	Netherlands			2	Calif.*
<i>Iris stolonifera leichtlini</i>	do			1	Calif.*
<i>Iris susiana</i> (mourning iris)	England, Netherlands			4	Calif.*
<i>Iris</i> sp.	Canada, England, Italy, Netherlands, Turkey.			21	Calif., N. J.
<i>Leptosphaeria opuntiae</i> Dodge:					
<i>Stenocactus</i> sp.	Mexico			1	Tex.
<i>Leptosphaeria oryzina</i> Sacc.:					
<i>Oryza sativa</i> (rice)	Nicaragua	1			Calif.*

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<i>Leptosphaeria rusci</i> Sacc.:					
<i>Ruscus</i> sp.	Italy	1			Pa.
<i>Leptosphaeria sacchari</i> B. de Haan:					
<i>Saccharum officinarum</i> (sugarcane)	Mexico	1			Tex.
<i>Lophodermium minutum</i> Hiltner:					
<i>Stipa tenacissima</i> (esparto-grass)	Italy	1			N. Y.
<i>Lophodermium rhododendri</i> (Schw.) Ell. & Ev.:					
<i>Rhododendron</i> sp.	Canada, England			3	Wash.
<i>Macrophoma candollei</i> (Berk. & Br.) Berl. & Vogl.:					
<i>Buzus sempervirens</i> (box)	Netherlands			1	Wash.
<i>Buzus</i> sp.	do			1	Wash.
<i>Macrophoma musae</i> (Cke) Berl. & Vogl.:					
<i>Musa paradisiaca sapientum</i> (banana)	Ecuador, Mexico, Panama	5			Calif.*
<i>Macrophomina phaseolina</i> (Tassi) Goid.:					
<i>Gladiolus gandavensis</i>	Japan			1	Calif.*
<i>Gladiolus</i> sp.	do			1	Calif.*
<i>Iris</i> sp.	Turkey			1	Calif.*
<i>Iris</i> spp.	Union of South Africa			1	N. J.
<i>Solanum tuberosum</i> (potato)	Chile		1		Calif.*
<i>Melanomma pulvis-pyrus</i> (Fr.) Fekl.:					
<i>Rhododendron</i> sp.	England			1	Wash.
<i>Melanospora globosa</i> Berl.:					
<i>Bambusa</i> sp. (bamboo)	China	1			Calif.*
<i>Melanospora zamiae</i> Cda.:					
<i>Dahlia</i> sp.	Australia			1	Calif.*
<i>Zingiber officinale</i> (ginger)	Japan	4			Calif.*, N. Y.
<i>Meliola citricola</i> Syd.:					
<i>Citrus aurantifolia</i> (sour lime)	Mexico		1		Calif.*
<i>Citrus grandis</i> (pummelo)	Japan		1		Calif.*
<i>Citrus sinensis</i> (orange)	China, Japan, Thailand	2	1		Calif.*
<i>Citrus</i> sp.	China	1			Tex.
<i>Meloidogyne hapla</i> Chitwood:					
<i>Solanum tuberosum</i> (potato)	Japan		1		Pa.
<i>Meloidogyne javanica</i> (Treub.) Chitwood:					
<i>Asparagus myriocladus</i>	do			1	Hawaii.
<i>Ligularia wilsoniana</i>	Switzerland			1	N. J.
<i>Memnoniella echinata</i> (Riv.) L. O. Gall.:					
<i>Cymbidium giganteum</i>	India			1	Calif.*
<i>Solanum tuberosum</i> (potato)	England, Japan		2		Calif.*
<i>Zingiber officinale</i> (ginger)	Japan	7			Calif.*
<i>Monilinia fructigena</i> (Aderh. & Ruhl.) Honey:					
<i>Malus sylvestris</i> (apple)	Belgium, Denmark, England, France, Spain	6			Pa.
<i>Prunus domestica</i> (plum)	Denmark, England	2			Pa.
<i>Prunus</i> sp. (cherry)	Italy, Turkey	2			N. Y., Pa.
<i>Monilinia laxa</i> (Aderh. & Ruhl.) Honey:					
<i>Prunus armeniaca</i> (apricot)	Portugal	1			Pa.
<i>Monochaetia paeoniae</i> (Maub.) Sacc. & D. Sacc.:					
<i>Paeonia suffruticosa</i> (tree peony)	France			1	Wash.
<i>Mycosphaerella advena</i> Syd.:					
<i>Chamaedorea</i> sp.	Mexico	1			Tex.
<i>Mycosphaerella brassicicola</i> (Duby) Lindau:					
<i>Brassica oleracea</i> (cabbage)	Norway		1		Calif.*
<i>Brassica oleracea botrytis</i> (cauliflower)	Ecuador		1		Tex.
<i>Mycosphaerella clintoniana</i> House:					
<i>Rhododendron</i> sp.	England			1	N. J.
<i>Mycosphaerella coffeicola</i> (Cke.) Stevenson & Wellman:					
<i>Coffea</i> sp.	Mexico	1			Tex.
<i>Mycosphaerella cyripedii</i> (Pk.) Lindau:					
<i>Coelogyne</i> sp. (orchid)	Thailand			1	N. J.
<i>Mycosphaerella fragariae</i> (Tul.) Lindau:					
<i>Fragaria</i> sp. (strawberry)	Germany, Netherlands	1		1	D. C., Mass.
<i>Mycosphaerella hondai</i> Miyake:					
<i>Oryza sativa</i> (rice)	Japan		1		Calif.*
<i>Mycosphaerella palmarum</i> Miles:					
<i>Cocos nucifera</i> (coconut)	Yap Island		1		Hawaii.
<i>Mycosphaerella pomi</i> (Pass.) Lindau:					
<i>Malus sylvestris</i> (apple)	Denmark, Italy, New Zealand, Norway, Sweden	5			Pa.

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<i>Mycosphaerella schoenoprasii</i> (Rab.) Schroet.:					
<i>Allium fistulosum</i> (Welsh onion)	Japan		23		Pa.
<i>Mycosphaerella tassiana</i> (de N.) Johans.:					
<i>Allium porrum</i> (leek)	do		1		Oreg.
<i>Myrothecium roridum</i> Fr.:					
<i>Lycopersicon esculentum</i> (tomato)	Jamaica	1			N. Y.
<i>Nectria galligena</i> Bres.:					
<i>Aralia</i> sp.	Netherlands			1	Wash.
<i>Neofabrea malicorticis</i> (Cordley) Jacks.:					
<i>Malus sylvestris</i> (apple)	Mexico	1			Tex.
<i>Neovossia horrida</i> (Tak.) Padw. & A. Kahn:					
<i>Oryza sativa</i> (rice)	Japan	1			Calif.*
<i>Nigrospora oryzae</i> (Berk. & Br.) Petch:					
<i>Dianthus</i> sp. (carnation)	Honduras	1			Calif.*
<i>Nigrospora sacchari</i> (Speg.) Mason:					
<i>Saccharum officinarum</i> (sugarcane)	Mexico	1			Tex.
<i>Nigrospora sphaerica</i> (Sacc.) Mason:					
<i>Avena</i> sp.	Japan	1			Calif.*
Grass	Ecuador	1			Calif.*
<i>Oryza sativa</i> (rice)	Japan	9	5		Calif.*
<i>Zea mays</i> (corn)	Turkey			1	D. C.
<i>Ochropora kraunhae</i> Diet.:					
<i>Wisteria</i> sp.	Japan			1	Wash.
<i>Omphalia flavida</i> Maubl. & Rangel:					
<i>Gardenia augusta</i> (gardenia)	Mexico	3			Calif.,* Tex
Leaf	Guatemala	1			
<i>Oospora pustulans</i> Owen & Wakef.:					
<i>Solanum tuberosum</i> (potato)	Norway		1		Calif.*
<i>Ophiobolus versisporus</i> Ell. & G. Martin:					
<i>Cocos nucifera</i> (coconut)	Hawaii	1			Calif.*
<i>Ophiodothella fici</i> Bessey:					
<i>Ficus cotinifolia</i>	Mexico	1			Ariz.
<i>Ophiostoma narcissi</i> Limber:					
<i>Narcissus</i> sp.	Italy			1	N. Y.
<i>Populaspota parasitica</i> (Eidam) Harz:					
<i>Beta vulgaris</i> (beet)	China		1		Calif.*
<i>Lilium auratum</i> (goldband lily)	Japan	1		2	Calif.*
<i>Peronospora parasitica</i> Fr.:					
<i>Brassica oleracea capitata</i> (cabbage)	Belgium			1	P. R.
<i>Pestalotia bicolor</i> Ell. & Ev.:					
<i>Salix</i> sp.	Japan			1	Calif.*
<i>Pestalotia conspicua</i> Servazzi:					
<i>Dendrobium</i> sp. (orchid)	Australia			1	Hawaii.
<i>Pestalotia funerea</i> Desm.:					
<i>Chamaecyparis obtusa</i>	Japan			1	Hawaii.
<i>Cryptomeria japonica</i>	do			1	Hawaii.
<i>Cupressus</i> sp. (cypress)	do			1	Hawaii.
<i>Juniperus chinensis</i> (Chinese juniper)	do			1	Hawaii.
<i>Juniperus</i> sp.	Canada			1	N. Y.
<i>Pinus</i> sp. (pine)	Mexico	1			Tex.
<i>Pestalotia ixorae</i> Rangel:					
<i>Ixora coccinea</i> (scarlet ixora)	Australia			1	Hawaii.
<i>Pestalotia lespedezae</i> Syd.:					
<i>Lespedeza striata</i> (lespedeza)	China			1	Calif.*
<i>Pestalotia macrochaeta</i> (Speg.) Guba:					
<i>Pinus</i> sp. (pine)	Azores			1	Mass.
<i>Pestalotia palmarum</i> Cke.:					
<i>Cocos nucifera</i> (coconut)	Hawaii	1			Calif.*
<i>Collinia elegans</i> (palm)	Mexico	1			Tex.
Palm	do	4			Tex.
<i>Pestalotia peregrina</i> Ell. & G. Martin:					
<i>Pinus parviflora</i> (Japanese white pine)	Japan			5	Calif.*
<i>Pestalotia rhododendri</i> (D. Sacc.) Guba:					
<i>Rhododendron hirsutum</i>	Netherlands			1	Wash.
<i>Rhododendron ponticum</i> (pontic rhododendron)	do			1	Wash.
<i>Rhododendron</i> sp.	Belgium, England, Netherlands.			4	N. J., Wash
<i>Pezizella lythri</i> (Desm.) Shear & Dodge:					
<i>Fragaria</i> sp.	Japan			1	N. J.
<i>Phaeosphaeria oryzae</i> Miyake:					
<i>Oryza sativa</i> (rice)	do	1	1		Calif.*
<i>Phaeoseptoria oryzae</i> Miyake:					
<i>Oryza sativa</i> (rice)	Nicaragua	1			Calif.*

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<i>Phakopsora desmii</i> (Berk. & Br.) Cumm.: <i>Gossypium</i> sp. (cotton).....	Dominican Republic.....	1	---	---	Calif.
<i>Phlyctaena ranunculacearum</i> Hoehn.: <i>Paeonia suffruticosa</i> (tree peony).....	Japan.....	---	151	---	Calif.*
<i>Phoma ardisiae</i> Tassi: <i>Ardisia crenulata</i> (coral ardisia).....	do.....	---	---	1	Wash.
<i>Phoma citricarpa</i> McAlp.: <i>Citrus limon</i> (lemon).....	Australia, Union of South Africa.....	---	12	---	Calif.,* Hawaii, La., Mass., Pa.
<i>Citrus paradisi</i> (grapefruit).....	* Japan, Mozambique, Union of South Africa.	---	4	---	Calif.,* Tex.
<i>Citrus reticulata</i> (Mandarin orange).....	China, Japan, Formosa.....	35	5	---	Calif.,* Hawaii, Mass., N. Y., Tex., Wash.
<i>Citrus sinensis</i> (orange).....	Australia, China, Formosa, Japan, Spain, Union of South Africa.	22	17	---	Calif.,* Hawaii, Oreg., Pa., Tex.
<i>Citrus</i> sp. (orange).....	China.....	1	---	---	Mass.
<i>Citrus</i> sp.....	China, Philippines.....	4	---	---	D. C., Hawaii, Tex.
<i>Phoma destructiva</i> Plowr.: <i>Capsicum frutescens</i> (pepper).....	Colombia.....	---	1	---	Tex.
<i>Phoma eriophorum</i> Berk. & Br. (?): <i>Castanea</i> sp. (chestnut).....	Yugoslavia.....	---	1	---	Pa.
<i>Phoma limoni</i> Thuem. (?): <i>Citrus limon</i> (lemon).....	Italy, Union of South Africa.....	---	2	---	N. Y., Tex.
<i>Phoma psidii</i> P. Henn.: <i>Psidium guajava</i> (guava).....	Mexico.....	---	3	---	Tex.
<i>Phoma rigida</i> Penz. (?): <i>Citrus limon</i> (lemon).....	Union of South Africa.....	---	1	---	N. Y.
<i>Phomopsis ambigua</i> (Sacc.) Trav.: <i>Malus sylvestris</i> (apple).....	Netherlands.....	---	1	---	Pa.
<i>Phomopsis capsici</i> (Magnaghi) Sacc.: <i>Capsicum frutescens grossum</i> (bell pepper).....	Mexico.....	---	1	---	Ariz.
<i>Phomopsis cocoas</i> Petch: <i>Cocos nucifera</i> (coconut).....	Hawaii, Panama, Philippines.....	---	3	1	Calif.*
<i>Phomopsis occulta</i> (Sacc.) Trav.: <i>Picea glauca</i> (white spruce).....	Germany.....	---	---	1	N. J.
<i>Phomopsis palmicola</i> (Wint.) Sacc.: <i>Areca catechu</i> (betel palm).....	Guam.....	---	1	---	Calif.*
<i>Phragmidium subcorticinum</i> (Schränk) Wint.: <i>Rosa</i> sp.....	France.....	---	1	---	N. Y.
<i>Phyllosticta cacti</i> (Berk.) Archer: <i>Cereus</i> sp. (cactus).....	Mexico.....	---	---	1	Tex.
<i>Phyllosticta cordylinoiphila</i> P. A. Young: <i>Cordyline banksi</i> (Banks dracena).....	Hawaii.....	---	---	1	Hawaii.
<i>Phyllosticta disciformis</i> Penzig: <i>Citrus sinensis</i> (orange).....	Italy.....	---	---	1	Pa.
<i>Phyllosticta laeliae</i> Keissl.: <i>Catleya</i> sp. (orchid).....	Mexico.....	---	---	1	Tex.
<i>Dendrobium</i> sp. (orchid).....	Thailand.....	---	---	1	Calif.*
<i>Phyllosticta limbatis</i> Pers.: <i>Buxus microphylla koreana</i>	Netherlands.....	---	---	1	N. J.
<i>Phyllosticta maculicola</i> Halst.: <i>Dracaena</i> sp.....	Dominican Republic.....	---	---	1	P. R.
<i>Phyllosticta rhododendri</i> West.: <i>Rhododendron ponticum</i> (pontic rhododendron).....	Netherlands.....	---	---	1	Wash.
<i>Rhododendron</i> sp.....	do.....	---	---	1	N. J.
<i>Phyllosticta ruscicola</i> Dur. & Mont.: <i>Ruscus</i> sp.....	Italy.....	---	3	---	Pa.
<i>Phyalospora campotpora</i> Sacc.: <i>Dendrobium undulatum</i> (orchid).....	Australia.....	---	---	3	Hawaii
<i>Phyalospora obtusa</i> (Schw.) Cke.: <i>Malus sylvestris</i> (apple).....	Italy, Sweden.....	---	2	---	Pa.
<i>Phyalospora rhodina</i> (Berk. & Curt.) Cke.: <i>Cocos nucifera</i> (coconut).....	Hawaii.....	---	---	1	Calif.*

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<i>Phylosporina sutherlandiae</i> (Kalchb. & Cke.) Petr.:					
<i>Sutherlandia frutescens</i>	Union of South Africa.....			1	D. C.
<i>Pleospora herbarum</i> (Fr.) Rab.:					
<i>Citrus limon</i> (lemon).....	Algeria, Spain.....		2		Pa., Tex.
<i>Triticum aestivum</i> (wheat).....	Spain.....	1			P. R.
<i>Pseudomonas maculicola</i> (McCull.) F. L. Stevens (?):					
<i>Brassica oleracea capitata</i> (cabbage).....	do.....		1		P. R.
<i>Pseudomonas marginalis</i> (N. A. Brown) F. L. Stevens:					
<i>Cichorium endivia</i> (endive).....	Belgium.....	3			N. Y.
<i>Pseudomonas marginata</i> (McCull.) Stapp:					
<i>Gladiolus</i> sp.....	Japan, Mexico, Netherlands.....	2		2	Calif.*, Tex., Wash.
<i>Pseudomonas syringae</i> v. Hall (?):					
<i>Citrus sinensis</i> (orange).....	Israel.....		1		Va.
<i>Puccinia aeturopi</i> Ricker:					
<i>Aetropus</i> sp.....	Turkey.....			1	D. C.
<i>Puccinia anomala</i> Rostr.:					
<i>Hordeum vulgare</i> (barley).....	England, Mexico.....	2			Pa., Tex.
<i>Puccinia baccharidis</i> Diet. & Holw.:					
<i>Baccharis</i> sp.....	Mexico.....	1			Ariz.
<i>Puccinia buzi</i> DC.:					
<i>Burus sempervirens</i> (box).....	England, France.....	2	1		N. Y.
<i>Puccinia chrysanthemi</i> Roze:					
<i>Chrysanthemum morifolium</i> (mulberry chrysanthemum).....	Japan.....		1		Hawaii.
<i>Chrysanthemum</i> sp.....	Japan, Mexico, New Zealand.....	1	4		Hawaii, Tex., Wash.
<i>Puccinia coronata</i> Cda.:					
<i>Avena sativa</i> (oat).....	France, Netherlands.....	2			Wash.
<i>Holcus lanatus</i> (velvet grass).....	Germany.....	1			Oreg.
<i>Stipa patagonica</i>	Argentina.....		1		D. C.
<i>Puccinia glumarum</i> (Schm.) Eriks. & E. Henn.:					
<i>Hordeum bulbosum</i> (bulbous barley).....	Morocco.....			1	D. C.
<i>Triticum aestivum</i> (wheat).....	England.....	1			Pa.
<i>Puccinia graminis</i> Pers. var. <i>avenae</i> Eriks. & E. Henn.:					
<i>Avena sativa</i> (oat).....	Mexico.....		1		Tex.
<i>Puccinia graminis</i> Pers. var. <i>tritici</i> Eriks. & E. Henn.:					
<i>Triticum aestivum</i> (wheat).....	Spain, Sweden.....		1	1	P. R., Tex.
<i>Puccinia hordei</i> Fekl.:					
<i>Hordeum vulgare</i> (barley).....	Belgium.....		1		Pa.
<i>Puccinia horiana</i> P. Henn.:					
<i>Chrysanthemum morifolium</i> (mulberry chrysanthemum).....	Japan.....	1			Wash.
<i>Chrysanthemum</i> sp.....	do.....	1	1		Hawaii.
<i>Puccinia hydrocotyles</i> (Lk.): Oke.					
<i>Hydrocotyle</i> sp.....	Uruguay.....			1	D. C.
<i>Puccinia kalchbrenneriana</i> de T.:					
<i>Ornithogalum thyrsoides</i> (chinkerichee).....	Union of South Africa.....	1			Ill.
<i>Puccinia kusanoi</i> Diet.:					
<i>Bambusa</i> sp.....	Philippines.....	1			Hawaii.
<i>Puccinia longicornis</i> Pat. & Har.:					
<i>Bambusa</i> sp.....	China.....	1			Calif.*
<i>Puccinia ornithogali-thyrsoides</i> Diet.:					
<i>Ornithogalum thyrsoides</i> (chinkerichee).....	Union of South Africa.....	6			D. C., Ill., Mass., N. J., N. Y.
<i>Puccinia penniseti</i> Zimm. (?):					
<i>Pennisetum macrourum</i>	do.....			1	D. C.
<i>Puccinia rubigo-vera</i> (DC.) Wint. var. <i>tritici</i> (Eriks. & E. Henn.) Carl.:					
<i>Triticum aestivum</i> (wheat).....	Japan.....		1		Wash.
<i>Triticum</i> sp.....	Europe, France.....	2			Calif.*, Hawaii.
<i>Puccinia stakmanii</i> Presley:					
<i>Gossypium</i> sp. (cotton).....	Mexico.....	1			Tex.
<i>Puccinia tetragonia</i> McAlp. var. <i>austroafricana</i> Doidge:					
<i>Tetragonia arbuscula</i>	Union of South Africa.....			1	D. C.

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<i>Puccinia vagans</i> (DC.) Arth.:					
<i>Epilobium</i> sp.	Turkey			1	D. C.
<i>Pseudopeziza medicaginis</i> (Lib.) Sacc:					
<i>Medicago lupulina</i> (black medic)	Turkey			1	D. C.
<i>Medicago sativa</i> (alfalfa)	Mexico	1			Tex.
<i>Pseudopeziza trifolia</i> Biv.—Bern.) Fekl.:					
<i>Trifolium pratense</i> (red clover)	Turkey			1	D. C.
<i>Trifolium repens</i> var. Shamrock	Ireland	2			Oreg., Pa.
<i>Puccinia versicolor</i> Diet. & Holw. (?):					
Grass packing	Mexico	1			Wash.
<i>Quaternaria persoonii</i> Tul.:					
<i>Fagus</i> sp. (beech)	Canada	1			N. Y.
<i>Amularia cynaræ</i> Sacc.:					
<i>Cynara scolymus</i> (globe artichoke)	Greece		1		N. Y.
<i>Robillarda sessilis</i> Sacc.:					
<i>Lespedeza striata</i> (lespedeza)	China			1	Calif.*
<i>Sclerotinia kernerii</i> Wettst.:					
<i>Abies balsamea</i> (balsam fir)	Canada	1			N. Y.
<i>Sclerotopsis concava</i> (Desm.) Shear & B. O. Dodge:					
<i>Vitis</i> sp. (grape)	Greece			1	N. Y.
<i>Sclerotopsis testudinea</i> Dearn.:					
<i>Paeonia suffruticosa</i> (tree peony)	Japan			5	Calif.*
<i>Selenophoma donacis</i> (Pass.) Sprague & A. G. Johnson:					
<i>Stipa</i> sp.	Argentina			1	D. C.
<i>Selenophoma donacis</i> (Pass.) Sprague & A. G. Johnson var. <i>stomaticola</i> (Baueml.) Sprague & A. G. Johnson:					
<i>Dactylis glomerata</i> (orchard grass)	Turkey			1	D. C.
<i>Festuca rubra</i> (red fescue)	Iceland			1	D. C.
<i>Septonema orchidophilum</i> Speg. (?):					
<i>Ansellia africana</i> (orchid)	British East Africa			1	Calif.*
<i>Septoria azaleæ</i> Vogl.:					
<i>Rhododendron indicum</i> (indica azalea)	Belgium			3	N. J., Wash.
<i>Rhododendron japonicum</i> (Japanese azalea)	Netherlands			1	N. J.
<i>Rhododendron malvatica</i>	do			1	N. J.
<i>Rhododendron vuykiana</i>	do			1	N. J.
<i>Rhododendron</i> sp.	Belgium, Japan, Netherlands.			4	N. J., Wash.
<i>Septoria carrubi</i> Pass. (?):					
<i>Laurus nobilis</i> (Grecian laurel)	Mexico	1			Tex.
<i>Septoria chrysanthemi</i> Allesch.:					
<i>Chrysanthemum</i> sp.	Canada, England, Japan, Mexico.	1	1	2	Alaska, N. J., N. Y., Tex.
<i>Septoria citri</i> Pass.:					
<i>Citrus limon</i> (lemon)	Italy, Spain		8		Calif.*, Pa.
<i>Citrus paradisi</i> (grapefruit)	Union of South Africa		1		Calif.*
<i>Citrus sinensis</i> (orange)	Italy, Spain		2		Calif.*, Pa.
<i>Septoria convolvuli</i> Desm. (?):					
<i>Ipomoea</i> sp. (morning-glory)	Bermuda	1			N. Y.
<i>Septoria depressa</i> McAlp.:					
<i>Citrus sinensis</i> (orange)	Australia		1		Tex.
<i>Septoria dianthi</i> Desm.:					
<i>Dianthus</i> sp. (carnation)	Hawaii	1			Wash.
<i>Septoria guembe</i> Speg. (?):					
<i>Philodendron</i> sp.	Mexico			2	Tex.
<i>Septoria oleæ</i> Poll.:					
<i>Olea europæa</i> (olive)	Italy	1			N. Y.
<i>Septoria tritici</i> Desm.:					
<i>Triticum aestivum</i> (wheat)	England, Israel	2			Pa.
<i>Sphaceloma fauvelii</i> Jenkins:					
<i>Citrus aurantifolia</i> (sweet lime)	Mexico	2			Tex.
<i>Citrus limon</i> (lemon)	Australia, Brazil, New Zealand.		7		Hawaii, Pa.
<i>Citrus reticulata</i> (Mandarin orange)	Japan	1			Hawaii
<i>Citrus</i> sp. (orange)	New Zealand		1		Hawaii
<i>Sphaceloma fauvelii</i> Jenkins (?):					
<i>Citrus aurantium</i> (bitter orange)	Japan	1			Hawaii
<i>Sphaceloma fauvelii</i> Jenkins var. <i>scabiosa</i> (McAlp. & Tyron) Jenkins:					
<i>Citrus limon</i> (lemon)	Australia, New Zealand		5		La., Mass., Pa., Tex.

Pests (diseases) collected and reported from July 1, 1952, through June 30, 1953—Con.

[An asterisk indicates State inspection]

Disease and host	Country of origin	Number of interceptions in —			Collected in—
		Consumption	Nonentry	Propagation	
<i>Sphaceloma mangiferae</i> Bitanc. & Jenkins:					
<i>Mangifera indica</i> (mango).....	Mexico, Puerto Rico.....	3			P. R., Tex.
<i>Sphaceloma punicae</i> Bitanc. & Jenkins:					
<i>Punica granatum</i> (pomegranate).....	Mexico.....	3			Ariz., Tex.
<i>Sphacelotheca ischaemii</i> (Fekl.) Clint.:					
<i>Andropogon gayanus</i>	Tanganyika.....			1	D. C.
<i>Heteropogon contortus</i> (tanglehead).....	do.....			1	D. C.
<i>Sphacelotheca panici-milliae</i> (Pers.) Bub.:	Australia.....			1	Wash.
<i>Danthonia</i> sp.....					
<i>Sphacelotheca sorghicola</i> (Speg.) Zundel:					
<i>Sorghum vulgare technicum</i> (broomcorn).....	Argentina.....	1			Pa.
<i>Sphaerella hyphiseda</i> Fautr. & Lambotte:					
<i>Ornithogalum thyrsoides</i> (chinkerichee).....	Union of South Africa.....	1			N. J.
<i>Sporonema ozyococci</i> Shear (?)?:					
<i>Pieris japonica</i> (Japanese andromeda).....	Netherlands.....			1	N. J.
<i>Stachybotrys atra</i> Cda.:					
<i>Laelia glauca</i> (orchid).....	Guatemala.....			1	Calif.*
<i>Stachybotrys subsimplex</i> Oke.:					
<i>Musa paradisiaca sapientum</i> (banana).....	do.....	2			Tex.
<i>Stachylidium theobromae</i> Turc.:					
<i>Musa paradisiaca</i> (plantain).....	Mexico.....		3		Calif.*
<i>Musa paradisiaca sapientum</i> (banana).....	Canal Zone, Costa Rica, Ecuador, Mexico.	13			Calif.*, N. Y.
<i>Stagonospora macrospora</i> (Dur. & Mont.) Sacc.:					
<i>Agave</i> sp.....	Mexico.....			1	Tex.
<i>Stemphylium botryosum</i> Wallr.:					
<i>Dianthus</i> sp. (carnation).....	Honduras.....	1			Calif.*
<i>Lycopersicon esculentum</i> (tomato).....	Australia.....		1		Hawaii.
<i>Stromatinia gladioli</i> (Drayt.) Whet. (?)?:					
<i>Gladiolus</i> sp.....	Netherlands.....	1		1	P. R.
<i>Taphrina deformans</i> (Berk.) Tul.:					
<i>Prunus amygdalus</i> (almond).....	Lebanon.....	1			Mass.
<i>Thecopsora areolata</i> (Fr.) Magn.:					
<i>Picea abies</i> (Norway spruce).....	Norway.....	1			N. Y.
<i>Thielaviopsis basicola</i> (Berk & Br.) Ferr.:					
<i>Astilbe</i> sp.....	Netherlands.....			1	N. J.
<i>Paeonia suffruticosa</i> (tree peony).....	Japan.....			1	Calif.*
<i>Tilletia elymi</i> Diet. & Holw. (?)?:					
<i>Elymus</i> sp.....	Turkey.....			1	D. C.
<i>Tilletia panicis</i> Bub. & Ranoj. (?)?:					
<i>Hordeum</i> sp.....	do.....			1	D. C.
<i>Tranzschelia pruni-spinosae</i> (Pers.) Diet.:					
<i>Prunus domestica</i> (plum).....	Chile.....	1			N. Y.
<i>Triposporium stelligerum</i> Speg.:					
<i>Gardenia augusta</i> (gardenia).....	Mexico.....	1			Tex.
<i>Tritirachium dependens</i> Limber:					
<i>Lilium longiflorum</i> (Easter lily).....	Japan.....			1	Calif.*
<i>Lilium</i> sp.....	do.....			1	Calif.*
<i>Mangifera indica</i> (mango).....	Union of South Africa.....	1			Calif.*
<i>Pueraria lobata</i> (kudzu-bean).....	China.....	3			Calif.*
<i>Trachelospermum</i> sp.....	Japan.....			1	Calif.*
<i>Zingiber officinale</i> (ginger).....	Hawaii, Japan.....	3			Calif.*
<i>Tylenchus allii</i> Beijerinck:					
<i>Allium sativum</i> (garlic).....	France, Mexico.....	4	1		La., Tex.
<i>Uredo behnickiana</i> P. Henn.:					
<i>Laelia anceps</i> (orchid).....	Mexico.....			2	Tex.
<i>Odontoglossum</i> sp. (orchid).....	do.....			1	Tex.
<i>Uredo epidendri</i> P. Henn.:					
<i>Epidendrum radicans</i> (orchid).....	Guatemala.....			1	Calif.*
<i>Epidendrum</i> sp.....	Honduras.....			1	Fla.
<i>Uredo guacae</i> Mayor:					
<i>Epidendrum radicans</i> (orchid).....	Guatemala.....			1	Tex.
<i>Epidendrum</i> sp.....	Canal Zone.....			1	Calif.*
Orchid.....	Brazil.....			1	Fla.
<i>Zygopetalum</i> sp. (orchid).....	Costa Rica.....			1	Fla.
<i>Uredo monsterae</i> Syd.:					
<i>Philodendron</i> sp.....	Mexico.....			2	Tex.
<i>Uredo nigropunctata</i> P. Henn.:					
<i>Bletia</i> sp.....	Jamaica.....			1	Fla.
<i>Odontoglossum</i> sp. (?) (orchid).....	Guatemala.....			1	Wash.
Orchid.....	Costa Rica.....			1	Fla.
<i>Uredo nigropunctata</i> P. Henn. (?)?:					
<i>Catasetum</i> sp. (orchid).....	Trinidad.....			1	Fla.

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Disease and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
<i>Uredo oncidii</i> P. Henn.: <i>Oncidium cavendishianum</i> (orchid).....	Guatemala.....	-----	-----	1	Calif.*
<i>Uredo scabiei</i> Cke. (?): <i>Vanilla</i> sp. (orchid).....	Mexico.....	-----	-----	1	Tex.
<i>Urocystis gladiolicola</i> Ains.: <i>Gladiolus tristis</i>	Ireland.....	-----	-----	3	N. J.
<i>Uromyces alyziae</i> Arth.: <i>Alyxia olivaeformis</i> (maile).....	Hawaii.....	3	-----	-----	Calif.*, Ha- wail.
<i>Uromyces coronatus</i> Yosh.: <i>Oryza sativa</i> (rice).....	Japan.....	1	-----	-----	Md.
<i>Uromyces leptodermis</i> Syd.: <i>Panicum purpurascens</i>	Mexico.....	1	-----	-----	Tex.
<i>Uromyces lespedezae-procumbentis</i> (Schw.) Curt.: <i>Lespedeza bicolor</i> (shrub bushclover).....	Japan.....	-----	-----	1	Calif.*
<i>Uromyces mulini</i> Schroet.: <i>Mulinum</i> sp.....	Argentina.....	-----	-----	1	D. C.
<i>Uromyces phaseoli</i> (Pers.) Wint.: <i>Phaseolus vulgaris</i> var. (string bean).....	Japan.....	-----	2	-----	Wash.
<i>Uromyces striatus</i> Schrouet var. <i>medicaginis</i> (Pass.) Arth.: <i>Medicago sativa</i> (alfalfa).....	Turkey.....	-----	-----	1	D. C.
<i>Medicago</i> sp.....	do.....	-----	-----	1	D. C.
<i>Ustilago bullata</i> Berk.: <i>Bromus catharticus</i> (rescue brome).....	Argentina.....	-----	-----	1	D. C.
<i>Bromus</i> sp.....	Turkey.....	-----	-----	1	D. C.
<i>Ustilago esculenta</i> P. Henn.: <i>Zizania</i> sp.....	Japan.....	1	-----	-----	Md.
<i>Ustilago grandis</i> Fr.: <i>Pharmites communis</i> (reed).....	Netherlands.....	1	-----	-----	Pa.
<i>Ustilago penniseti</i> Rab. var. <i>tinkinensis</i> Pat.: <i>Pennisetum</i> sp.....	Turkey.....	-----	-----	1	D. C.
<i>Volutella buxi</i> (Fr.) Berk. & Br.: <i>Buxus sempervirens</i> (box).....	Netherlands.....	-----	-----	1	Wash.
<i>Buxus</i> sp.....	do.....	-----	-----	1	N. J.
<i>Volutella pachysandricola</i> B. O. Dodge: <i>Pachysandra terminalis</i> (Japanese pachysandra).....	do.....	-----	-----	5	N. J.
<i>Xanthomonas begoniae</i> (Buchw.) Dows.: <i>Begonia</i> sp.....	Hawaii.....	1	-----	-----	Hawaii.
<i>Xanthomonas citri</i> (Hasse) Dows.: <i>Citrus aurantifolia</i> (lime).....	Korror Island, Mari- anas. Ceylon, India, Japan.....	2	-----	-----	Guam, Ha- wail. Calif.*, Mass., Pa., Tex. Wash.
<i>Citrus aurantifolia</i> (sour lime).....	-----	-----	6	-----	Calif.*, Tex. Wash.
<i>Citrus aurantium</i> (sour orange).....	Japan.....	-----	3	-----	Calif.*, Wash.
<i>Citris aurantium</i> var.....	do.....	-----	2	-----	Wash.
<i>Citris grandis</i> (pummelo).....	do.....	-----	2	-----	Calif.*, Wash.
<i>Citrus limon</i> (lemon).....	Japan, Philippines, Truk Islands.....	2	19	-----	Calif.*, Guam, Pa., Wash.
<i>Citrus paradisi</i> (grapefruit).....	Japan.....	-----	10	-----	Calif.*, La., Tex.
<i>Citris reticulata</i> (Mandarin orange).....	China, Japan.....	5	4	-----	Calif.*, Ha- wail.
<i>Citrus sinensis</i> (orange).....	China, Japan, unknown.....	12	72	-----	Ala., Calif.*, Hawaii, Md., Oreg. Pa., Tex., Wash.
<i>Citrus</i> sp. (orange).....	Korror Island, Saipan.....	2	-----	-----	Guam.
<i>Citrus</i> sp.....	Japan.....	-----	3	-----	Calif.*, Tex., Wash.
<i>Xanthomonas</i> sp. (?) ("Cancrosis B"): <i>Citrus limon</i> (lemon).....	Argentina.....	-----	4	-----	N. Y., Pa.

Hosts and Diseases

- ABIES:**
Sclerotinia kernerii (Ascomycetes)
- ACIDANTHERA:**
Botrytis gladiolorum (Deuteromycetes)
- ACINETA:**
Gloeosporium cinctum (Deuteromycetes)
- AELUROPUS:**
Puccinia aeluropi (Promycetes)
- AGAVE:**
Colletotrichum agaves (Deuteromycetes)
Colletotrichum yuccae (Deuteromycetes)
Stagonospora macrospora (Deuteromycetes)
- ALLIUM CEPA:**
Fusarium oxysporum f. cepae (Deuteromycetes)
- ALLIUM FISTULOSUM:**
Mycosphaerella schoenoprasii (Ascomycetes)
- ALLIUM KANSUENSE:**
Colletotrichum liliacearum (Deuteromycetes)
- ALLIUM PORRUM:**
Mycosphaerella tasiiana (Ascomycetes)
- ALLIUM SATIVUM:**
Tylenchus allii (Nematoda)
- ALYXIA:**
Uromyces alyxiae (Promycetes)
- ANANAS:**
Diplodia ananassae (Deuteromycetes)
- ANDROMEDA:**
Ceuthospora lunata (Deuteromycetes)
Diplodia rostrupii (Deuteromycetes)
- ANDROPOGON:**
Sphacelotheca ischaemi (Promycetes)
- ANSELLIA:**
Septonema orchidophilum (?) (Deuteromycetes)
- ARACEAE:**
Glomerella cincta (Ascomycetes)
- ARALIA:**
Nectria galligena (Ascomycetes)
- ARAUCARIA:**
Botryosphaeria berengeriana f. araucariae (Ascomycetes)
Cryptospora longispora (Ascomycetes)
- ARDISIA:**
Phoma ardisiae (Deuteromycetes)
- ARECA:**
Colletotrichum arecae (Deuteromycetes)
Gloeosporium catechu (Deuteromycetes)
Phomopsis palmicola (Deuteromycetes)
- ARRHENATHERUM:**
Claviceps purpurea (Ascomycetes)
- ASPARAGUS:**
Meloidogyne javanica (Nematoda)
- ASTER:**
Coleosporium solidaginis (Promycetes)
- ASTILBE:**
Thielaviopsis basicola (Deuteromycetes)
- AVENA:**
Helminthosporium avenae (Deuteromycetes)
Heterosporium avenae (Deuteromycetes)
Nigrospora sphaerica (Deuteromycetes)
Puccinia coronata (Promycetes)
Puccinia graminis var. *avenae* (Promycetes)
- AXONOPUS:**
Colletotrichum graminicolum (Deuteromycetes)
Fusarium gramineum (Deuteromycetes)
- BACCHARIS:**
Puccinia baccharidis (Promycetes)
- BAMBOO:**
Apiospora punctum (Phycomycetes)
Hyponectria aureo-nitens (Ascomycetes)
- BAMBUSA:**
Melanospora globosa (Ascomycetes)
Puccinia kusanoi (Promycetes)
Puccinia longicornis (Promycetes)
- BEGONIA:**
Xanthomonas begoniae (Schizomycetes)
- BERBERIS:**
Cucurbitaria berberidis (Ascomycetes)
- BETA:**
Papulaspora parasitica (Deuteromycetes)
- BLETIA:**
Uredo nigropuncta (Promycetes)
- BOUGAINVILLEA:**
Cercospora mirabilis (Deuteromycetes)
- BRASSICA OLERACEA:**
Mycosphaerella brassicicola (Ascomycetes)
- BRASSICA OLERACEA BOTRYTIS:**
Gloeosporium concentricum (Deuteromycetes)
Mycosphaerella brassicicola (Ascomycetes)
- BRASSICA OLERACEA CAPITATA:**
Peronospora parasitica (Phycomycetes)
Pseudomonas maculicola (?) (Schizomycetes)
- BROMUS:**
Colletotrichum graminicolum (Deuteromycetes)
Ustilago bullata (Promycetes)
- BUXUS:**
Macrophoma candollei (Deuteromycetes)
Phyllosticta limbalis (Deuteromycetes)
Puccinia buxi (Promycetes)
Volutella buxi (Deuteromycetes)
- CACTUS:**
Erosporium cactivorum (Deuteromycetes)
- CAMELLIA:**
Discosia arctocreas (Deuteromycetes)
- CAPISICUM:**
Gloeosporium piperatum (Deuteromycetes)
Phoma destructiva (Deuteromycetes)
Phomopsis capsici (Deuteromycetes)
- CARICA:**
Asperisporium caricae (Deuteromycetes)
Fusarium diversisporum (Deuteromycetes)
- CASTANEA:**
Diplodia theobromae (Deuteromycetes)
Phoma eriophorum (?) (Deuteromycetes)
- CATASETUM:**
Uredo nigropunctata (?) (Promycetes)
- CATTLEYA:**
Diplodia paraphysaria (Deuteromycetes)
Phyllosticta laeliae (Deuteromycetes)
- CENTROSEMA:**
Cercospora centrosema (Deuteromycetes)
- CEREUS:**
Phyllosticta cacti (Deuteromycetes)
- CHAENOMELES:**
Graphis scripta (Ascomycetes)
- CHAMACEYPARIS:**
Pestalotia funerea (Deuteromycetes)
- CHAMAEDOREA:**
Aschersonia aleyrodis (Deuteromycetes)
Mycosphaerella advena (Ascomycetes)
- CHRYSANTHEMUM:**
Aphelechioides ritzema-bosi (?) (Nematoda)
Puccinia chrysanthemi (Promycetes)
Puccinia horiana (Promycetes)
Septoria chrysanthemi (Deuteromycetes)
- CICHORIUM:**
Pseudomonas marginalis (Schizomycetes)
- CITRUS AURANTIFOLIA:**
Elsinoe australis (Ascomycetes)
Meliola citricola (Ascomycetes)
Sphaceloma fawcetti (Deuteromycetes)
Xanthomonas citri (Schizomycetes)
- CITRUS AURANTIUM:**
Elsinoe australis (Ascomycetes)
Sphaceloma fawcetti (?) (Deuteromycetes)
Xanthomonas citri (Schizomycetes)
- CITRUS AURANTIUM VAR.:**
Xanthomonas citri (Schizomycetes)
- CITRUS GRANDIS:**
Fusarium juruanum (Deuteromycetes)
Fusarium lateritium (Deuteromycetes)
Xanthomonas citri (Schizomycetes)
- CITRUS LIMON:**
Elsinoe australis (Ascomycetes)
Phoma citricarpa (Deuteromycetes)
Phoma limoni (?) (Deuteromycetes)
Phoma rigida (?) (Deuteromycetes)
Pleospora herbarum (Ascomycetes)
Septoria citri (Deuteromycetes)
Sphaceloma fawcetti (Deuteromycetes)
Sphaceloma fawcetti var. *scabiosa* (Deuteromycetes)
Xanthomonas citri (Schizomycetes)
Xanthomonas sp. (?) (Cancrosis "B") (Schizomycetes)
- CITRUS NOBILIS:**
Meliola citricola (Ascomycetes)
- CITRUS PARADISI:**
Ascochyta citri (Deuteromycetes)
Phoma citricarpa (Deuteromycetes)
Septoria citri (Deuteromycetes)
Xanthomonas citri (Schizomycetes)
- CITRUS RETICULATA:**
Elsinoe australis (Ascomycetes)
Gloeosporium follicolum (Deuteromycetes)
Phoma citricarpa (Deuteromycetes)
Sphaceloma fawcetti (Deuteromycetes)
Xanthomonas citri (Schizomycetes)

Hosts and Diseases—Continued

- CITRUS SINENSIS:**
Ascochyta hesperidearum (Deuteromycetes)
Elsinoe australis (Ascomycetes)
Hendersonia citri (Deuteromycetes)
Meliola citricola (Ascomycetes)
Phoma citricarpa (Deuteromycetes)
Phyllosticta disciformis (Deuteromycetes)
Pseudomonas syringae (?) (Schizomycetes)
Septoria citri (Deuteromycetes)
Septoria depressa (Deuteromycetes)
Xanthomonas citri (Schizomycetes)
- CITRUS SP. (orange):**
Phoma citricarpa (Deuteromycetes)
Sphaceloma fawcettii (Deuteromycetes)
Xanthomonas citri (Schizomycetes)
- CITRUS SP.:**
Meliola citricola (Ascomycetes)
Phoma citricarpa (Deuteromycetes)
Xanthomonas citri (Schizomycetes)
- COCOS:**
Coniosporium palmicola (Deuteromycetes)
Cytospora palmarum (Deuteromycetes)
Diplodia epicocos (Deuteromycetes)
Epicoccum cocos (Deuteromycetes)
Mycosphaerella palmae (Ascomycetes)
Ophiobolus versisporus (Ascomycetes)
Pestalotia palmarum (Deuteromycetes)
Phomopsis cocos (Deuteromycetes)
Physalospora rhodina (Ascomycetes)
- COELOGYNE:**
Mycosphaerella cypripedii (Ascomycetes)
- COFFEA:**
Cercospora coffeicola (Deuteromycetes)
Colletotrichum coffeanum (Deuteromycetes)
Mycosphaerella coffeicola (Ascomycetes)
- COLLINIA:**
Pestalotia palmarum (Deuteromycetes)
- CORDYLINE:**
Phyllosticta cordylinophila (Deuteromycetes)
- CRATAEGUS:**
Botryosphaeria ribis (Ascomycetes)
- CRYPTOMERIA:**
Pestalotia funerea (Deuteromycetes)
- CUPRESSUS:**
Pestalotia funerea (Deuteromycetes)
- CYMBIDUM:**
Fusarium solani (?) (Deuteromycetes)
Memnoniella echinata (Deuteromycetes)
- CYNARA:**
Ramularia cynarae (Deuteromycetes)
- CYNODON:**
Helminthosporium cynodontis (Deuteromycetes)
- DACTYLIS:**
Selenophoma donacis (Deuteromycetes)
- DAHLIA:**
Coleosporium dahliae (Promycetes)
Melanospora zamiae (Ascomycetes)
- DAISY:**
Septoria chrysanthemi (Deuteromycetes)
- DANTHONIA:**
Sphacelotheca panici-milliae (Promycetes)
- DENDROBIUM:**
Pestalotia conspicua (Deuteromycetes)
Phyllosticta laeliae (Deuteromycetes)
Physalospora camptospora (Ascomycetes)
- DIANTHUS:**
Alternaria dianthi (Deuteromycetes)
Heterosporium echinulatum (Deuteromycetes)
Nigrospora oryzae (Deuteromycetes)
Septoria dianthi (Deuteromycetes)
Stemphylium botryosum (Deuteromycetes)
- DRACAENA:**
Phylenchoides bicaudatus (Nematoda)
Phyllosticta maculicola (Deuteromycetes)
- DUVALIA:**
Botryosphaeria ribis (Ascomycetes)
- ELYMUS:**
Tilletia elymi (?) (Promycetes)
- EPIDENDRUM:**
Uredo epidendri (Promycetes)
Uredo guacae (Promycetes)
- EPILOBIUM:**
Puccinia vagans (Promycetes)
- ERIOBOTRYA:**
Fusicladium eriotryae (Deuteromycetes)
- ERYTHRINA:**
Colletotrichum erythrinae (Deuteromycetes)
- FAGUS:**
Quaternaria persoonii (Ascomycetes)
- FATSHEDERA:**
Colletotrichum trichella (Deuteromycetes)
- FESTUCA:**
Selenophoma donacis var. *stomaticola* (Deuteromycetes)
- FIGUS:**
Ophiostoma fici (Ascomycetes)
- FRAGARIA:**
Dendrophoma obscurans (Ascomycetes)
Mycosphaerella fragariae (Ascomycetes)
Pezizella lythri (Ascomycetes)
- GARDENIA:**
Omphalia flvida (Deuteromycetes)
Triposporium stelligerum (Deuteromycetes)
- GLADIOLUS:**
Botrytis gladiolorum (Deuteromycetes)
Fusarium oxysporum f. *gladioli* (Deuteromycetes)
Macrophomina phaseolina (Deuteromycetes)
Pseudomonas marginata (Schizomycetes)
Stromatinia gladioli (?) (Ascomycetes)
Urocystis gladiolicola (Promycetes)
- GLIRICIDIA:**
Colletotrichum gliricidae (Deuteromycetes)
- GOSSYPIUM:**
Phakospora desmum (Promycetes)
Puccinia stakmanii (Promycetes)
- HELLEBORUS:**
Coniothyrium hellebori (Deuteromycetes)
- HETEROPOGON:**
Cerebella andropogonis (Deuteromycetes)
Sphacelotheca ischaemi (Promycetes)
- HIBISCUS:**
Cercospora malayensis (Deuteromycetes)
- HOLCUS:**
Puccinia coronata (Promycetes)
- HORDEUM:**
Heterosporium avenae (?) (Deuteromycetes)
Puccinia anomala (Promycetes)
Puccinia glumarum (Promycetes)
Puccinia hordei
Tilletia panicis (?) (Promycetes)
- HYDROCOTYLE:**
Puccinia hydrocotyles (Promycetes)
- HYPARRHENIA:**
Cerebella andropogonis (Deuteromycetes)
- IPOMOEA:**
Endoconidiophora fimbriata (Ascomycetes)
Septoria convolvuli (?) (Deuteromycetes)
- IRIS:**
Colletotrichum liliacearum (Deuteromycetes)
Ditylenchus sp. (undescribed) (Nematoda)
Leptosphaeria heterospora (Ascomycetes)
Macrophomina phaseolina (Deuteromycetes)
- IXIA:**
Macrophomina phaseolina (Deuteromycetes)
- IXORA:**
Pestalotia izorae (Deuteromycetes)
- JATROPHA:**
Aecidium mozinniae (Promycetes)
- JUNIPERUS:**
Gymnosporangium haraeaeum (Promycetes)
Gymnosporangium sabinae (Promycetes)
Pestalotia funerea (Deuteromycetes)
- LABURNUM:**
Coniothyrium cytisellum (Deuteromycetes)
Cylindrocarpum candidum var. *minus* (Deuteromycetes)
- LAELIA:**
Stachybotrys atra (Deuteromycetes)
Uredo behntekiana (Promycetes)
- LAURUS:**
Septoria carrubi (?) (Deuteromycetes)
- LESPEDeza:**
Pestalotia lespedezae (Deuteromycetes)
Robillarda sessilis (Deuteromycetes)
Uromyces lespedezae-procumbentis (Promycetes)
- LEUCOTHOE:**
Ceuthospora lunata (Deuteromycetes)
Diplodina rostrupii (Deuteromycetes)
- LIGULARIA:**
Meloidogyne javanica (Nematoda)
- LILIUM:**
Botrytis elliptica (Deuteromycetes)
Colletotrichum liliacearum (Deuteromycetes)

Hosts and Diseases—Continued

LILIUM—Continued

- Papulaspora parasitica* (Deuteromycetes)
Tritirachium dependens (Deuteromycetes)

LYCOPERSICON:

- Myrothecium roridum* (Deuteromycetes)
Gymnosporangium yamadai (Promycetes)

MAGNOLIA:

- Ascochyta magnoliae* (Deuteromycetes)

MALUS:

- Coniothecium chomatosporum* (Deuteromycetes)
Fusicladium dendriticum (Deuteromycetes)
Gymnosporangium yamadai (Promycetes)
Monilinia fructigena (Ascomycetes)
Mycosphaerella pomi (Ascomycetes)
Neofabraea malicorticis (Ascomycetes)
Phomopsis ambigua (Deuteromycetes)
Physalospora obtusa (Ascomycetes)

MANGIFERA:

- Shinocella mangiferae* (Deuteromycetes)
Tritirachium dependens (Deuteromycetes)

MEDICAGO:

- Pseudopeziza medicaginis* (Ascomycetes)
Uromyces striatus var. *medicaginis* (Promycetes)

MORUS:

- Eutypella stellulata* (Ascomycetes)

MULINUM:

- Uromyces mulini* (Promycetes)

MUSA PARADISIACA:

- Cercospora musae* (Deuteromycetes)
Cordana musae (Deuteromycetes)
Stachytidium theobromae (Deuteromycetes)

MUSA PARADISIACA SAPIENTUM:

- Cercospora musae* (Deuteromycetes)
Cordana musae (Deuteromycetes)
Didymium minus (Myxomycetes)
Hendersonia musae (Deuteromycetes)
Macrophoma musae (Deuteromycetes)
Stachybotrys subsimplex (Deuteromycetes)
Stachytidium theobromae (Deuteromycetes)

NARCISSUS:

- Aphelenchoides subtennis* (Nematoda)
Ditylenchus dipsaci (Nematoda)
Ophiostoma narcissi (Ascomycetes)

NERIUM:

- Cercospora neriella* (Deuteromycetes)

ODONTIODA:

- Cercospora anagris* (Deuteromycetes)

ODONTOGLOSSUM:

- Uredo behnickiana* (Promycetes)
Uredo nigropunctata (Promycetes)

OLEA:

- Septoria oleae* (Deuteromycetes)

ONCIDIUM:

- Uredo oncidii* (Promycetes)

ORCHID:

- Chaetomella atra* (Deuteromycetes)
Coniothyrium stanhopeae (Deuteromycetes)
Diplodia paraphysaria (Deuteromycetes)
Gloeosporium cinctum (Deuteromycetes)
Uredo guacae (Promycetes)
Uredo nigropunctata (Promycetes)

ORNITHOGALUM:

- Heterosporium ornithogali* (Deuteromycetes)
Puccinia kalchbrenneriana (Promycetes)
Puccinia ornithogali-thyrsoideis (Promycetes)
Sphaerella hyphiseda (Ascomycetes)

ORYZA:

- Cephalosporium roseum* (Deuteromycetes)
Cercospora oryzae (Deuteromycetes)
Entyloma oryzae (Promycetes)
Helminthosporium oryzae (Deuteromycetes)
Helminthosporium turcicum (Deuteromycetes)
Leptosphaeria oryzina (Ascomycetes)
Mycosphaerella hondai (Ascomycetes)
Neovossia horrida (Promycetes)
Nigrospora sphaerica (Deuteromycetes)
Phaeoseptoria oryzae (Deuteromycetes)
Uromyces coronatus (Promycetes)

PACHYSANDRA:

- Volutella pachysandricola* (Deuteromycetes)

PAEONIA:

- Coryneum microstictum* (Deuteromycetes)
Hendersonia paeoniae (Deuteromycetes)
Monochaetia paeoniae (Deuteromycetes)
Phlyctaena ranunculacearum (Deuteromycetes)
Sclerotopsis testudinea (Deuteromycetes)
Thielaviopsis basicola (Deuteromycetes)

PALM:

- Catacauma sabal* (?) (Ascomycetes)
Pestalotia palmarum (Deuteromycetes)

PANICUM:

- Cryptodidymosphaeria clandestina* (Ascomycetes)
Uromyces leptodermus (Promycetes)

PASPALUM:

- Cerebella andropogonis* (Deuteromycetes)
Claviceps paspali (Ascomycetes)
Fusarium heterosporum (Deuteromycetes)

PENNISETUM:

- Puccinia penniseti* (?) (Promycetes)
Ustilago penniseti var. *tonkinensis* (Promycetes)

PERSEA:

- Cercospora purpurea* (Deuteromycetes)

PHAJUS:

- Coleosporium bletiae* (Promycetes)

PHASEOLUS:

- Elsinola phaseoli* (Ascomycetes)
Uromyces phaseoli (Promycetes)

PHILODENDRON:

- Colletotrichum philodendri* (Deuteromycetes)
Gloeosporium philodendri (Deuteromycetes)
Glomerella cincta (Ascomycetes)
Septoria guembe (?) (Deuteromycetes)
Uredo monsterae (Promycetes)

PHRAGMITES:

- Ustilago grandis* (Promycetes)

PICEA:

- Discella strobilina* (Deuteromycetes)
Phomopsis occulta (Deuteromycetes)
Thecospora areolata (Promycetes)

PIERIS:

- Sporonema ozyococi* (?) (Deuteromycetes)

PINUS:

- Cercospora pini-densiflorae* (Deuteromycetes)
Pestalotia funerea (Deuteromycetes)
Pestalotia macrochaeta (Deuteromycetes)
Pestalotia peregrina (Deuteromycetes)

PLUMERIA:

- Coleosporium domingense* (Promycetes)

PROSOPIS:

- Gloeosporium leguminum* (Deuteromycetes)

PRUNUS AMYGDALUS:

- Taphrina deformans* (Ascomycetes)

PRUNUS ARMENIACA:

- Coryneum carpophilum* (Deuteromycetes)
Monilinia laza (Ascomycetes)

PRUNUS DOMESTICA:

- Monilinia fructigena* (Ascomycetes)
Tranzschelia pruni-spinosae (Promycetes)

PRUNUS SP. (cherry):

- Monilinia fructigena* (Ascomycetes)

PSIDIUM:

- Phoma psidii* (Deuteromycetes)

PUERARIA:

- Tritirachium dependens* (Deuteromycetes)

PUNICA:

- Sphaecoloma punicae* (Deuteromycetes)

PYRACANTHA:

- Fusicladium pyracanthae* (Deuteromycetes)

PYRUS:

- Collectotrichum fructus* (Deuteromycetes)
Fusicladium pirinum (Deuteromycetes)

QUERCUS:

- Hypozyllon marginatum* (Ascomycetes)

RHODODENDRON:

- Apiospora rhododendri* (Phycomycetes)
Briasia azaleae (Deuteromycetes)
Cercospora handelii (Deuteromycetes)
Cercospora rhododendri (Deuteromycetes)
Chrysomyxa rhododendri (Promycetes)
Coniothyrium rhododendri (Deuteromycetes)
Cytospora subcylpeata (?) (Deuteromycetes)
Dasyphypha virginea (Ascomycetes)
Diplodia euryrhododendri (Deuteromycetes)
Erobodidium vaccinii (Basidiomycetes)
Gloeosporium rhododendri (Deuteromycetes)
Lophodermium rhododendri (Ascomycetes)
Melanomma pulvis-pyrus (Ascomycetes)
Mycosphaerella clintoniana (Ascomycetes)
Pestalotia rhododendri (Deuteromycetes)
Phylloticta rhododendri (Deuteromycetes)
Septoria azaleae (Deuteromycetes)

ROSA:

- Phragmidium subcorticinum* (Promycetes)

Hosts and Diseases—Continued

RUSCUS:

- Leptosphaeria rusci* (Ascomycetes)
- Phyllosticta rusicola* (Deuteromycetes)

SACCHARUM:

- Leptosphaeria sacchari* (Ascomycetes)
- Nigrospora sacchari* (Deuteromycetes)

SALIX:

- Cryptodiaporthe salicella* (Ascomycetes)
- Pestalotia bicolor* (Deuteromycetes)

SAND:

- Heterodera avenae* (Nematoda)

SANSEVIERIA:

- Gloeosporium sansevieriae* (Deuteromycetes)

SOIL:

- Heterodera avenae* (Nematoda)
- Heterodera cacti* (Nematoda)
- Heterodera leptonepia* (Nematoda)
- Heterodera punctata* (Nematoda)
- Heterodera rostochiensis* (Nematoda)

SOLANUM:

- Chaetomium contortum* (Ascomycetes)
- Macrophomina phaseolina* (Deuteromycetes)
- Meloidogyne hapla* (Nematoda)
- Memnoniella echinata* (Deuteromycetes)
- Oospira pustulans* (Deuteromycetes)

SORGHUM:

- Collectotrichum graminicolum* (Deuteromycetes)
- Sphacelotheca sorghicola* (Promycetes)

SPOROBOLUS:

- Helminthosporium ravenelii* (Deuteromycetes)

STANTHOPEA (?):

- Hendersonia epidendri* (Deuteromycetes)

STENOCACTUS:

- Leptosphaeria opuntiae* (Ascomycetes)

STIPA:

- Lophodermium minutum* (Ascomycetes)
- Puccinia coronata* (Promycetes)
- Selenophoma donacis* (Deuteromycetes)

SUTHERLANDIA:

- Physalosporina sutherlandiae* (Ascomycetes)

TETRAGONIA:

- Puccinia tetragonia* var. *austroroficana* (Promycetes)

TRACHELOSPERMUM:

- Tritrachium dependens* (Deuteromycetes)

TRIFOLIUM:

- Cymadothea trifolii* (Ascomycetes)
- Pseudopeziza trifolii* (Ascomycetes)

TRIGONELLA:

- Ascochyta trigonellae* (Deuteromycetes)

TRITICUM:

- Pleospora herbarum* (Ascomycetes)
- Puccinia glumarum* (Promycetes)
- Puccinia graminis* var. *tritici* (Promycetes)
- Puccinia rubigo-cera* var. *tritici* (Promycetes)
- Septoria tritici* (Deuteromycetes)

VANILLA:

- Uredo scabies* (Promycetes)

VIBURNUM:

- Coniothyrium viburni* (Deuteromycetes)

VICIA:

- Ascochyta pisi* (Deuteromycetes)

VITIS:

- Sclerotopsis concava* (Deuteromycetes)

WISTERIA:

- Coniothyrium olivaceum* (Deuteromycetes)
- Cryptovalsa rabenhorstii* (Ascomycetes)
- Ochrospora kraunhiae* (Promycetes)

ZEA:

- Nigrospora sphaerica* (Deuteromycetes)

ZINGIBER:

- Melanospora zamiae* (Ascomycetes)
- Memnoniella echinata* (Deuteromycetes)
- Tritrachium dependens* (Deuteromycetes)

ZIZANIA:

- Ustilago esculenta* (Promycetes)

ZYGOPETALUM:

- Uredo guacae* (?) (Promycetes)

Hosts Unknown

GRASS:

- Collectotrichum graminicolum* (Deuteromycetes)
- Nigrospora sphaerica* (Deuteromycetes)
- Puccinia versicolor* (?) (Promycetes)

LEAF:

- Omphalia flvida* (Deuteromycetes)

Countries of Origin and Diseases

ALGERIA:

- Pleospora herbarum*

ARGENTINA:

- Elsinoe australis*
- Gloeosporium leguminum*
- Puccinia coronata*
- Selenophoma donacis*
- Sphacelotheca sorghicola*
- Uromyces multini*
- Ustilago bullata*
- Xanthomonas* sp. (?) (Cancrosis "B")

AUSTRALIA:

- Cerebella andropogonis*
- Collectotrichum liliacearum*
- Cryptospora longispora*
- Fusarium heterosporum*
- Fusarium solani* (?)
- Fusicladium dendriticum*
- Helminthosporium cynodontis*
- Heterosporium atenae*
- Leptosphaeria heterospora*
- Melanospora zamiae*
- Pestalotia conspicua*
- Pestalotia izorae*
- Phoma citricarpa*
- Physalospora camptospora*
- Septoria depressa*
- Sphaceloma fawcetti*
- Sphaceloma fawcetti* var. *scabiosa*
- Sphacelotheca panici-milliae*
- Stemphylium botryosum*

AUSTRIA:

- Chrysomyza rhododendri*
- Fusicladium dendriticum*
- Heterodera punctata*
- Heterodera rostochiensis*

AZORES:

- Pestalotia macrochaeta*

BAHAMAS:

- Eutypella stellulata*

BELGIUM:

- Cercospora angraci*
- Cercospora handelii*
- Collectotrichum trichella*
- Cucurbitaria berberidis*
- Helminthosporium avenae*
- Heterodera avenae*
- Heterodera punctata*
- Monilinia fructigena*
- Peronospora parasitica*
- Pestalotia rhododendri*
- Pseudomonas marginalis*
- Puccinia hordei*
- Septoria azaleae*

BERMUDA:

- Cercospora neriella*
- Septoria convolvuli* (?)

BRAZIL:

- Aphelenchoides bicaudatus*
- Claviceps paspali*
- Diplodia epicocos*
- Elsinoe australis*
- Gloeosporium piperatum*
- Helminthosporium ravenelii*
- Sphaceloma fawcetti*
- Uredo guacae*

BRITISH EAST AFRICA:

- Septonema orchidophilum* (?)

CANADA:

- Alternaria dianthi*
- Collectotrichum liliacearum*
- Heterodera cacti*

Countries of Origin and Diseases—Continued

CANADA—Continued

Leptosphaeria heterospora
Lophodermium rhododendri
Pestalotia funerea
Quaternaria persoonii
Sclerotinia kernerii
Septoria chrysanthemi

CANAL ZONE:

Ascochyta citri
Cercospora mirabilis
Cercospora musae
Coleosporium domingense
Gloeosporium cinctum
Gloeosporium sansevieriae
Stachylidium theobromae
Uredo guacae

CEYLON:

Xanthomonas citri

CHILE:

Ascochyta pisi
Claviceps purpurea
Macrophomina phaseolina
Tranzschelia pruni-spinosae

CHINA:

Entyloma oryzae
Melanospora globosa
Meliola citricola
Papulaspora parasitica
Pestalotia lespedezae
Phoma citricarpa
Puccinia longicornis
Robillarda sessilis
Tritirachium dependens
Xanthomonas citri

COLOMBIA:

Phoma destructiva
Diplodia paraphysaria
Stachylidium theobromae
Uredo guacae (?)
Uredo nigropunctata

CUBA:

Asperisporium caricae
Cercospora malayensis
Colletotrichum gliricidae

CZECHOSLOVAKIA:

Heterodera cacti

DENMARK:

Colletotrichum fructus
Cryptodiaporthe salicella
Heterodera rostochiensis
Monilinia fructigena
Mycosphaerella pomi

DOMINICAN REPUBLIC:

Phakopsora desmii
Phyllosticta maculicola

ECUADOR:

Cercospora musae
Cordana musae
Cryptodidymosphaeria clandestina
Macrophoma musae
Mycosphaerella brassicicola
Nigrospora sphaerica
Stachylidium theobromae

ENGLAND:

Apiospora rhododendri
Briosia azaleae
Chrysomyxa rhododendri
Colletotrichum lilacearum
Coniothyrium hellebori
Coniothyrium rhododendri
Coryneum microstictum
Cytospora subclypeata (?)
Diplodina eurrhododendri
Gloeosporium concentricum
Gloeosporium rhododendri
Helminthosporium avenae
Heterodera avenae
Heterodera cacti
Heterodera punctata
Heterodera rostochiensis
Leptosphaeria heterospora
Lophodermium rhododendri
Melanomma pulvis-pyrius
Memnoniella echinata
Monilinia fructigena
Mycosphaerella clintoniana
Pestalotia rhododendri

ENGLAND—Continued

Puccinia anomala
Puccinia buxi
Puccinia glumarum
Septoria chrysanthemi
Septoria tritici

EUROPE:

Puccinia rubigo-vera var. *tritici*

FORMOSA:

Phoma citricarpa

FRANCE:

Alternaria dianthi
Ditylenchus sp. (undescribed)
Heterodera avenae
Heterodera cacti
Heterodera punctata
Heterodera rostochiensis
Monilinia fructigena
Monochaetia paeoniae
Phragmidium subcorticinum
Puccinia buxi
Puccinia coronata
Puccinia rubigo-vera var. *tritici*
Tylenchus allii

GERMANY:

Botrytis gladiolorum
Colletotrichum lilacearum
Discella strobilina
Erobiasidium vaccinii
Gymnosporangium sabinae
Heterodera avenae
Heterodera cacti
Heterodera punctata
Heterodera rostochiensis
Mycosphaerella fragariae
Phomopsis occulta
Puccinia coronata

GIBRALTAR (?) :

Heterodera avenae

GREECE:

Helminthosporium turcicum
Ramularia cynarae
Sclerotopsis concava

GUAM:

Colletotrichum arecae
Gloeosporium catechu
Phomopsis palmicola

GUATEMALA:

Cercospora musae
Hendersonia musae
Heterosporium echinulatum
Omphalia flavida
Stachybotrys atra
Stachybotrys subsimplex
Uredo epidendri
Uredo guacae
Uredo nigropunctata
Uredo oncidii

HAWAII:

Colletotrichum coffeanum
Ophiobolus versisporus
Pestalotia palmarum
Phomopsis cocoes
Phyllosticta cordylinoiphila
Physalospora rhodina
Septoria dianthi
Tritirachium dependens
Uromyces albiziae
Xanthomonas begoniae

HONDURAS:

Nigrospora oryzae
Stemphylium botryosum
Uredo epidendri

ICELAND:

Selenophoma donacis var. *stomaticola*

INDIA:

Coleosporium bietiae
Memnoniella echinata
Xanthomonas citri

IRELAND:

Heterodera avenae
Heterodera punctata
Heterodera rostochiensis
Pseudopeziza trifolii
Urocystis gladiolicola

ISRAEL:

Pseudomonas syringae (?)
Septoria tritici

Countries of Origin and Diseases—Continued

ITALY:

Apnelenchoides subtenuis
Botryosphaeria berengeriana var. *aracuariae*
Colletotrichum agaves
Colletotrichum yuccae
Diitylenchus dipsaci
Heterodera avenae
Heterodera cacti
Heterodera punctata
Leptosphaeria heterospora
Leptosphaeria rusci
Lophodermium minutum
Monilinia fructigena
Mycosphaerella pomi
Ophiostoma narcissi
Phoma limoni (?)
Phyllosticta disciformis
Phyllosticta ruscicola
Physalospora obtusa
Septoria citri
Septoria oleae

JAMAICA:

Myrothecium roridum
Uredo nigropunctata

JAPAN:

Alternaria dianthi
Aphelenchoides ritzema-bosi (?)
Apiospora punctum
Botrytis elliptica
Botrytis gladiolorum
Cercospora pini-densiflorae
Coleosporium solidaginis
Colletotrichum liliacearum
Coniothyrium olivaceum
Cryptonassa rabenhorstii
Dendrophoma obscurans
Diplodia theobromae
Discosia artocreas
Endoconidiophora fimbriata
Entyloma oryzae
Fusarium erysorum f. *gladioli*
Gloeosporium foliicolum
Graphis scripta
Gymnosporangium haraeae
Gymnosporangium yamadae
Helminthosporium oryzae
Hendersonia paeoniae
Heterodera cacti
Hypozyllon marginatum
Macrophoma phaseolina
Melanospora zamiae
Meliola citricola
Meloidogyne hapla
Meloidogyne javanica
Memnoniella echinata
Mycosphaerella hondai
Mycosphaerella schoenoprasii
Mycosphaerella tassiana
Neovossia horrida
Nigrospora sphaerica
Ochropsora kraunhae
Papulaspora parasitica
Pestalotia bicolor
Pestalotia funerea
Pestalotia peregrina
Pezizella lythri
Phaeosphaeria oryzae
Phlyctaena ranunculacearum
Phoma ardisiae
Phoma citricarpa
Pseudomonas marginata
Puccinia chrysanthemi
Puccinia horiana
Puccinia rubigo-vera var. *tritici*
Sclerotopsis testudinea
Septoria azaleae
Septoria chrysanthemi
Sphaceloma fawcettii
Thielaviopsis basicola
Tritirachium dependens
Uromyces coronatus
Uromyces lespedezae-procumbentis
Uromyces phaseoli
Ustilago esculenta
Xanthomonas citri

KENYA:

Botryosphaeria ribis
Cerebella andropogonis

KORROR ISLAND:

Epicoccum cocos
Xanthomonas citri

LEBANON:

Taphrina deformans

LUXEMBOURG:

Heterodera rostochiensis

MADAGASCAR:

Cerebella andropogonis

MAJORCA ISLAND:

Heterodera cacti

MALTA:

Heterodera cacti

MARIANAS:

Xanthomonas citri

MEXICO:

Accidium mozinniae
Aschersonia aleyrodis
Ascochyta hesperidearum
Asperisporium caricae
Botrytis gladiolorum
Catacauma sabal (?)
Cercospora coffeicola
Cercospora musae
Cercospora oryzae
Cercospora purpurea
Chaetomella atra
Coleosporium dahliae
Colletotrichum agaves
Colletotrichum erythrinae
Colletotrichum graminicolum
Colletotrichum philodendri
Coniothecium chomatosporum
Coniothyrium stanhopeae
Coryneum carpophilum
Didymium minus
Didiplodia ananassae
Diplodia paraphysaria
Entyloma oryzae
Erysiporium cactivorum
Fusarium diversisporum
Fusarium erysorum f. *cepa*
Fusarium erysorum f. *gladioli*
Fusicladium dendriticum
Gloeosporium philodendri
Glomerella cincta
Helminthosporium oryzae
Hendersonia citri
Hendersonia epidendri
Heterodera avenae
Heterodera cacti
Heterodera punctata
Heterodera rostochiensis
Heterosporium avenae (?)
Heterosporium echinulatum
Hyponectria aureo-nitens
Leptosphaeria opuntiae
Leptosphaeria sacchari
Macrophoma musae
Meliola citricola
Mycosphaerella advena
Mycosphaerella coffeicola
Neofabra malicoctitis
Nigrospora sacchari
Omphalia flavida
Ophiotothella fici
Pestalotia funerea
Pestalotia palmarum
Phoma psidii
Phomopsis capsici
Phyllosticta cacti
Phyllosticta laetiae
Pseudomonas marginata
Pseudopeziza medicaginis
Puccinia anomala
Puccinia baccharidis
Puccinia chrysanthemi
Puccinia graminis var. *avenae*
Puccinia stakmanii
Puccinia versicolor (?)
Septoria carrubi (?)
Septoria chrysanthemi
Septoria guembe (?)
Sphaceloma fawcettii
Sphaceloma mangiferae

Countries of Origin and Diseases—Continued

MEXICO—Continued

Sphaceloma punicea
Stachytidium theobromae
Stagonospora macrospora
Tripodsporium stelligerum
Tylenchus allii
Uredo behnickiana
Uredo monsterae
Uredo scabies (?)
Uromyces leptodermus

MOROCCO:

Puccinia glumarum

MOZAMBIQUE:

Phoma citricarpa

NATAL:

Colletotrichum graminicolum

NETHERLANDS:

Ascochyta magnoliae
Botryosphaeria ribis
Botrytis gladiolorum
Cercospora handelii
Cercospora rhododendri
Ceuthospora lunata
Chaetomium contortum
Coniothyrium cytiselum
Coniothyrium hellebori
Coniothyrium viburni
Cylindrocarpon candidum var. *minus*
Dasyscypha virginea
Diplodina rostrupii
Ditylenchus sp. (undescribed)
Exobasidium vaccinii
Fusarium oxysporum f. *gladioli*
Fusicladium pirinum
Fusicladium pyracanthae
Gymnosporangium sabiniae
Heterodera avenae
Heterodera punctata
Heterodera rostochiensis
Leptosphaeria heterospora
Macrophoma candollei
Mycosphaerella fragariae
Nectria galligena
Pestalotia rhododendri
Phomopsis ambigua
Phyllosticta limbalis
Phyllosticta rhododendri
Pseudomonas marginata
Puccinia coronata
Septoria azaleae
Sporonema oxycoeci (?)
Stromatinia gladioli (?)
Thielaviopsis basicola
Ustilago grandis
Volvetella buxi
Volvetella pachysandricola

NEW ZEALAND:

Colletotrichum liliacearum
Leptosphaeria heterospora
Mycosphaerella pomi
Puccinia chrysanthemi
Sphaceloma fawcetti
Sphaceloma fawcetti var. *scabiosa*

NICARAGUA:

Helminthosporium oryzae
Leptosphaeria oryzina
Phaeoseptoria oryzae

NORWAY

Heterodera punctata
Mycosphaerella brassicicola
Mycosphaerella pomi
Oospora pustulans
Thecopsis areolata

OKINAWA:

Colletotrichum liliacearum

PANAMA:

Macrophoma musae
Phomopsis cocoes

PARAGUAY:

Elsinoe australis

PERU:

Heterodera leptonepia
Heterodera rostochiensis

PHILIPPINES:

Coniothecium chomatosporem
Helminthosporium oryzae
Phoma citricarpa
Phomopsis cocoes

PHILIPPINES—Continued

Puccinia kusanoi
Xanthomonas citri

PORTUGAL:

Cephalosporium roseum
Fusicladium eriobotryae
Monilinia liza

PUERTO RICO:

Cercospora musae
Cordana musae
Elsinoe phaseoli
Sphaceloma mangiferae

SAIPAN:

Xanthomonas citri

SALVADOR:

Cercospora centrosema

SCOTLAND:

Heterodera avenae
Heterodera punctata

SIERRA LEONE:

Helminthosporium oryzae

SOUTH PACIFIC:

Cytospora palmarum (?)

SPAIN:

Fusicladium pirinum
Heterodera avenae
Monilinia fructigena
Phoma citricarpa
Pleospora herbarum
Pseudomonas maculicola (?)
Puccinia graminis var. *tritici*
Septoria citri

SWEDEN:

Heterodera avenae
Heterodera punctata
Mycosphaerella pomi
Physalospora obtusa
Puccinia graminis var. *tritici*

SWITZERLAND:

Chrysomyza rhododendri
Heterodera cacti
Meloidogyne javanica

TAHITI:

Coniosporium palmicola
Fusarium lateritium

TANGANYIKA:

Cerebella andropogonis
Sphacelotheca ischaemi

THAILAND:

Fusarium juruanum
Meliola citricola
Mycosphaerella cypripedii
Phyllosticta laeliae

TRINIDAD:

Cercospora musae
Cloeosporium cinctum
Uredo nigropunctata (?)

TRUK ISLAND:

Epicoecum cocos
Xanthomonas citri

TURKEY:

Ascochyta hesperidearum
Ascochyta trigonellae
Cymadothea trifolii
Leptosphaeria heterospora
Macrophomina phaseolina
Monilinia fructigena
Nigrospora sphaerica
Pseudopeziza medicaginis
Pseudopeziza trifolii
Puccinia aeluropi
Puccinia vagans
Selenophoma donacis var. *stomaticola*
Tilletia elmyi (?)
Tilletia paniculi (?)
Uromyces striatus var. *medicaginis*
Ustilago bullata
Ustilago penniseti var. *tonkinensis*

UNION OF SOUTH AFRICA:

Heterodera avenae
Heterosporium ornithogali
Macrophomina phaseolina
Phoma citricarpa
Phoma limoni (?)
Phoma rigida (?)
Physalosporina sutherlandiae
Puccinia kalchbrenneriana
Puccinia ornithogali-thyrsoideis

Countries of Origin and Diseases—Continued

UNION GF SOUTH AFRICA—Continued

Puccinia penniseti (?)
Puccinia tetragonia var. *austroafricana*
Septoria citri
Sphaerella hyphiseda
Tritirachium dependens

UNKNOWN:

Xanthomonas citri

URUGUAY:

Colletotrichum graminicolum
Elsinoe australis
Fusarium gramineum
Puccinia hydrocotyles

VENEZUELA:

Diplodia paraphysaria

WALES:

Heterodera rostochiensis

WALES (?):

Heterodera avenae

YAP ISLAND:

Epicoccum cocos

Mycosphaerella palmarum

YUGOSLAVIA:

Heterodera avenae

Phoma eriophorum (?)

